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## INFLUENZA.

### PREVALENCE IN THE UNITED STATES.

Reports from State and city health officers throughout the country indicate an increase in the number of reported cases of influenza. The disease is generally mild, and some reports state that many cases are not seen by physicians.

The following table shows the number of cases of influenza reported by State health officers for the week ended January 24, 1920, as compared with the reports for the week ended January 17. These reports are received by telegraph and are incomplete, but the general increase in the number of cases from so many States is significant.

*Influenza cases reported by State health officers.*

| State.                    | Week ended— |          | State.  | Week ended— |          |
|---------------------------|-------------|----------|---|-------------|----------|
|                           | Jan. 17.    | Jan. 24. |   | Jan. 17.    | Jan. 24. |
| Alabama.....              |             | 8        | Louisiana.....                                | 27          | 123      |
| Arkansas.....             | 53          | 179      | Maine.....                                    | 4           | ---      |
| California.....           | 264         | 1,244    | Massachusetts.....                            | 54          | ---      |
| Connecticut.....          | 14          | 1,123    | Montana.....                                  | 1           | 45       |
| Delaware.....             |             | 5        | Nebraska.....                                 | 1           | 154      |
| District of Columbia..... | 126         | 1,216    | New Jersey.....                               | 98          | 753      |
| Florida.....              | 10          | 484      | New Mexico.....                               | 4           | 61       |
| Georgia.....              | 27          | 95       | New York (exclusive of New<br>York City)..... | 61          | 555      |
| Idaho.....                | 270         | 922      | Vermont.....                                  | ...         | 25       |
| Illinois.....             | 3,251       | 14,805   | Washington.....                               | ...         | 12       |
| Indiana.....              | 44          | 1,714    | Wisconsin.....                                | 67          | 1,944    |
| Iowa.....                 | 30          | 644      |   |             |          |
| Kansas.....               | 45          | 1,130    |   |             |          |

The summary herewith presented of deaths from all causes in certain large cities during the week ended January 24 and preceding weeks is, as usual, a reproduction of data published by the United States Census Bureau in the Weekly Health Index.

In the summary of deaths from influenza and pneumonia, which follows, the data used have likewise been taken from the Weekly Health Index except as otherwise noted. In certain instances where data given in the Weekly Health Index are incomplete, the figures given for deaths from influenza and pneumonia have been compiled from reports made to the Public Health Service by State health authorities, or from unofficial reports in the daily press. These figures are necessarily subject to correction, but are presumably sufficiently accurate for preliminary use.

As a basis for comparing mortality during the specified weeks with what may be considered the normal mortality from these diseases, a weekly average for each city has been computed from statistics of monthly mortality during the seven-year period, 1911 to 1917, inclusive. The number of deaths in the corresponding month of

the year during this period having the median number of deaths has been used as the base from which a weekly average has been computed. While no allowance has been made by this method for increases in population since the year taken as the base, it appears from such study as has been made of the data that the averages given represent a more nearly normal mortality than do averages based on mortality during the year 1917.

A distinct increase in the mortality from influenza and pneumonia is noted in Chicago, Kansas City, Milwaukee, New York, San Francisco, St. Louis, and Washington, with a less definite but probably significant increase in Newark. There can be no doubt that these increased mortality rates reflect the epidemic prevalence of influenza in these cities.

*Deaths from all causes in certain large cities of the United States during the week ended Jan. 24, 1920, infant mortality (per cent), annual death rates, and comparison with corresponding week of preceding years.*

| City.                 | Population<br>July 1,<br>1918, esti-<br>mated. | Week ended Jan.<br>24, 1920. |                             | Average<br>annual<br>death<br>rate per<br>1,000. <sup>1</sup> | Per cent of deaths<br>under 1 year. |  |
|-----------------------|--|------------------------------|-----------------------------|---|-------------------------------------|--|
|                       |  | Total<br>deaths.             | Death<br>rate. <sup>1</sup> |   | Week<br>ended<br>Jan. 24,<br>1920.  | Previous<br>year or<br>years. <sup>2</sup> |
| Albany, N. Y.         | 112,565  | 35                           | 16.2                        | C 23.2  | 11.4                                | C 2.0                                      |
| Atlanta, Ga.          | 201,732  | 44                           | 11.4                        | C 24.0  | 15.9                                | C 9.7                                      |
| Baltimore, Md.        | 669,981  | 209                          | 16.3                        | A 21.4  | 11.5                                | A 13.5                                     |
| Birmingham, Ala.      | 197,670  | 63                           | 16.6                        | A 15.5  | 15.9                                | A 11.2                                     |
| Boston, Mass.         | 785,245  | 253                          | 16.8                        | A 18.9  | 19.0                                | A 15.1                                     |
| Buffalo, N. Y.        | 473,229  | 135                          | 14.9                        | C 16.4  | 14.1                                | C 16.8                                     |
| Cambridge, Mass.      | 111,432  | 40                           | 18.7                        | A 16.9  | 17.5                                | A 15.8                                     |
| Chicago, Ill.         | 2,596,681                                      | 1,170                        | 23.5                        | A 16.1  | 11.0                                | A 18.2                                     |
| Cincinnati, Ohio      | 418,022  | 146                          | 18.2                        | C 19.8  | 11.0                                | C 10.1                                     |
| Cleveland, Ohio       | 810,306  | 146                          | 9.4                         | C 13.3  | 13.7                                | C 19.3                                     |
| Columbus, Ohio        | 225,296  | 65                           | 15.0                        | C 15.7  | 12.3                                | C 14.7                                     |
| Dayton, Ohio          | 130,655  | 48                           | 19.2                        | C 19.2  | 18.8                                | C 16.7                                     |
| Denver, Colo.         |  | 86                           |                             |   | 9.3                                 |  |
| Fall River, Mass.     | 128,392  | 33                           | 13.4                        | C 21.1  | 21.2                                | C 38.5                                     |
| Grand Rapids, Mich.   | 135,450  | 36                           | 13.9                        | C 12.7  | 11.1                                | C 15.2                                     |
| Indianapolis, Ind.    | 200,389  | 96                           | 17.2                        | C 17.6  | 14.6                                | C 9.2                                      |
| Jersey City, N. J.    | 318,770  | 90                           | 14.7                        | C 15.5  | 16.7                                | C 14.7                                     |
| Kansas City, Mo.      | 313,785  | 197                          | 32.7                        | C 18.9  | 8.1                                 | C 9.6                                      |
| Los Angeles, Calif.   | 568,495  | 161                          | 14.8                        | A 15.5  | 3.7                                 | A 7.5                                      |
| Louisville, Ky.       | 242,707  | 60                           | 12.9                        | C 22.8  | 5.0                                 | C 13.2                                     |
| Lowell, Mass.         | 109,081  | 31                           | 14.8                        | A 19.0  | 9.7                                 | A 10.2                                     |
| Memphis, Tenn.        | 154,759  | 55                           | 18.5                        |   | 14.5                                |  |
| Milwaukee, Wis.       | 453,481  | 136                          | 15.6                        | A 13.5  | 11.8                                | A 18.8                                     |
| Minneapolis, Minn.    | 383,442  | 76                           | 10.3                        | C 11.3  | 18.4                                | C 12.0                                     |
| Nashville, Tenn.      | 119,215  | 38                           | 16.6                        | C 23.2  | 13.2                                | C 3.8                                      |
| Newark, N. J.         | 428,684  | 137                          | 16.7                        | C 18.3  | 13.9                                | C 16.4                                     |
| New Haven, Conn.      | 154,865  | 43                           | 14.5                        | C 15.5  | 7.0                                 | C 13.0                                     |
| New Orleans, La.      | 382,273  | 138                          | 18.8                        | A 22.0  | 9.4                                 | A 11.5                                     |
| New York, N. Y.       | 5,215,879                                      | 1,949                        | 19.5                        | C 17.3  | 14.2                                | C 14.9                                     |
| Oakland, Calif.       | 214,206  | 74                           | 18.0                        | A 13.3  | 6.8                                 | A 11.1                                     |
| Omaha, Nebr.          | 180,264  | 38                           | 11.0                        | C 13.6  | 21.1                                | C 6.4                                      |
| Philadelphia, Pa.     | 1,761,371                                      | 568                          | 16.8                        | * 18.8  | 12.0                                | * 13.7                                     |
| Pittsburgh, Pa.       | 593,303  | 214                          | 18.8                        | C 19.8  | 13.1                                | C 15.6                                     |
| Portland, Oreg.       |  | 68                           |                             |   | 5.9                                 | C 13.5                                     |
| Providence, R. I.     | 265,613  | 81                           | 16.0                        | C 15.4  | 8.6                                 | C 10.3                                     |
| Richmond, Va.         | 160,719  | 69                           | 22.4                        | C 22.7  | 13.0                                | C 15.7                                     |
| Rochester, N. Y.      | 264,856  | 81                           | 15.9                        | C 15.2  | 12.3                                | C 10.4                                     |
| St. Louis, Mo.        | 779,951  | 260                          | 17.4                        | C 16.8  | 6.9                                 | C 12.7                                     |
| St. Paul, Minn.       | 257,699  | 80                           | 16.2                        | C 11.3  | 6.3                                 | C 12.5                                     |
| San Francisco, Calif. | 478,530  | 176                          | 19.2                        | C 17.4  | 7.4                                 | C 5.0                                      |
| Seattle, Wash.        |  | 72                           |                             |   | 9.7                                 | A 16.1                                     |
| Spokane, Wash.        |  | 25                           |                             |   | 12.0                                | C 26.1                                     |
| Syracuse, N. Y.       | 161,404  | 50                           | 16.2                        | C 15.8  | 12.0                                | C 14.3                                     |
| Toledo, Ohio          | 262,234  | 91                           | 18.1                        | A 16.0  | 13.2                                | A 12.4                                     |
| Washington, D. C.     | 401,681  | 220                          | 28.6                        | A 19.8  | 8.6                                 | A 11.2                                     |
| Worcester, Mass.      | 173,650  | 50                           | 15.0                        | C 13.5  | 30.0                                | C 26.7                                     |

<sup>1</sup> Annual rates per 1,000 estimated population.

<sup>2</sup> "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1917.

<sup>3</sup> Population estimated as of July 1, 1919.

<sup>4</sup> Data are based on statistics of 1915, 1916 and 1917.

January 30, 1920.

*Summary of information received by telegraph from industrial insurance companies for week ended Jan. 24, 1920.*

|  |            |
|--|------------|
| Policies in force.....                                     | 42,497,058 |
| Number of death claims.....                                | 8,431      |
| Death claims per 1,000 policies in force, annual rate..... | 10.3       |

*Deaths from influenza and pneumonia (all forms) in certain large cities, by weeks, in December, 1919, and January, 1920, compared with weekly average in corresponding month of the year having the median number of deaths during the period 1911-1917.*

| City.                     | December—   |                   |     |     | January—  |                   |     |     |
|---------------------------|---|-------------------|-----|-----|---|-------------------|-----|-----|
|                           | Weekly average for median year of period 1911-1917. | 1919: Week ended— |     |     | Weekly average for median year of period 1911-1917. | 1920: Week ended— |     |     |
|                           |   | 6                 | 13  | 20  |   | 3                 | 10  | 17  |
| Albany, N. Y.....         | 8   | 4                 | 5   | 5   | 6   | 4                 | 6   | 3   |
| Atlanta, Ga.....          | 8   | 13                | 18  | 19  | 16  | 9                 | 16  | 19  |
| Baltimore, Md.....        | 31  | 21                | 28  | 32  | 28  | 41                | 30  | 20  |
| Birmingham, Ala.....      | 9   | 18                | 8   | 11  | 9   | 10                | 11  | 13  |
| Boston, Mass.....         | 36  | 9                 | 21  | 20  | 23  | 41                | 24  | 28  |
| Buffalo, N. Y.....        | 15  | 15                | 9   | 8   | 15  | 18                | 13  | 10  |
| Cambridge, Mass.....      | 6   | 1                 | 1   | 4   | 2   | 5                 | 4   | 8   |
| Chicago, Ill.....         | 102   | 57                | 80  | 92  | 93  | 155               | 98  | 107 |
| Cincinnati, Ohio.....     | 26  | 7                 | 11  | 15  | 17  | 14                | 18  | 14  |
| Cleveland, Ohio.....      | 21  | 21                | 17  | 23  | 14  | 21                | 28  | 21  |
| Columbus, Ohio.....       | 8   | 5                 | 8   | 7   | 3   | 8                 | 5   | 15  |
| Dayton, Ohio.....         | 4   | 1                 | 6   | 5   | 1   | 6                 | 7   | 4   |
| Denver, Colo.....         | 12  | 11                | 8   | 10  | 0   | 9                 | 15  | 21  |
| Fall River, Mass.....     | 5   | 2                 | 3   | 5   | 3   | 7                 | 3   | 7   |
| Grand Rapids, Mich.....   | 4   | 3                 | 2   | 4   | 2   | 4                 | 3   | 1   |
| Indianapolis, Ind.....    | 8   | 8                 | 11  | 12  | 13  | 14                | 13  | 18  |
| Jersey City, N. J.....    | 15  | 5                 | 18  | 13  | 19  | 16                | 12  | 14  |
| Kansas City, Mo.....      | 14  | 9                 | 14  | 0   | 12  | 9                 | 12  | 13  |
| Los Angeles, Calif.....   | 15  | 13                | 11  | 16  | 6   | 14                | 18  | 16  |
| Louisville, Ky.....       | 18  | 11                | 7   | 4   | 10  | 10                | 9   | 10  |
| Lowell, Mass.....         | 5   | 4                 | 4   | 2   | 5   | 7                 | 3   | 5   |
| Memphis, Tenn.....        | 9   | 9                 | 12  | 8   | 8   | 10                | 15  | 12  |
| Milwaukee, Wis.....       | 12  | 10                | 16  | 21  | 15  | 15                | 15  | 25  |
| Minneapolis, Minn.....    | 9   | 5                 | 14  | 11  | 10  | 17                | 20  | 12  |
| Nashville, Tenn.....      | 7   | 9                 | 10  | 7   | 4   | 7                 | 4   | 6   |
| Newark, N. J.....         | 16  | 9                 | 13  | 9   | 9   | 20                | 15  | 17  |
| New Haven, Conn.....      | 7   | 6                 | 6   | 8   | 6   | 12                | 11  | 6   |
| New Orleans, La.....      | 17  | 11                | 16  | 11  | 20  | 21                | 18  | 27  |
| New York, N. Y.....       | 244   | 137               | 149 | 162 | 175   | 266               | 195 | 218 |
| Oakland, Calif.....       | 6   | 6                 | 2   | 3   | 5   | 6                 | 7   | 4   |
| Omaha, Nebr.....          | 6   | 4                 | 5   | 6   | 12  | 7                 | 5   | 4   |
| Philadelphia, Pa.....     | 81  | 57                | 51  | 69  | 43  | 89                | 64  | 55  |
| Pittsburgh, Pa.....       | 48  | 38                | 30  | 31  | 36  | 42                | 55  | 47  |
| Portland, Ore.....        | 5   | 13                | 15  | 19  | 15  | 7                 | 14  | 13  |
| Providence, R. I.....     | 9   | 2                 | 6   | 10  | 11  | 13                | 6   | 12  |
| Richmond, Va.....         | 7   | 3                 | 5   | 1   | 2   | 10                | 6   | 2   |
| Rochester, N. Y.....      | 7   | 8                 | 7   | 5   | 4   | 11                | 8   | 13  |
| St. Louis, Mo.....        | 43  | 27                | 27  | 33  | 35  | 37                | 47  | 57  |
| St. Paul, Minn.....       | 6   | 7                 | 1   | 8   | 7   | 7                 | 7   | 4   |
| San Francisco, Calif..... | 19  | 10                | 11  | 11  | 15  | 19                | 20  | 14  |
| Seattle, Wash.....        | 5   | 5                 | 9   | 7   | 7   | 5                 | 9   | 12  |
| Spokane, Wash.....        | 3   | 3                 | 2   | 5   | 2   | 3                 | 0   | 4   |
| Syracuse, N. Y.....       | 5   | 4                 | 4   | 2   | 6   | 6                 | 6   | 9   |
| Toledo, Ohio.....         | 4   | 3                 | 7   | 8   | 3   | 6                 | 8   | 9   |
| Washington, D. C.....     | 14  | 13                | 19  | 23  | 14  | 17                | 32  | 22  |
| Worcester, Mass.....      | 6   | 11                | 13  | 6   | 6   | 9                 | 5   | 10  |

<sup>1</sup> Deaths from pneumonia (all forms) only.

<sup>2</sup> Figures from telegraphic reports to Public Health Service.

<sup>3</sup> Deaths from influenza only; no report of details from pneumonia.

<sup>4</sup> Unofficial reports from daily press.

*Number of cases of influenza and pneumonia (all forms) reported during the 10 days ended Jan. 27, 1920, in New York, Detroit, Chicago, and Washington.*

[The figures are based in most instances on unofficial press reports.]

| City.                      | Disease.       | January, 1920. |     |       |       |       |       |       |       |       |       |
|----------------------------|----------------|----------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|                            |                | 18             | 19  | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    |
| New York.....              | Influenza..... | 90             | 740 | 462   | 671   | 1,332 | 2,361 | 2,855 | 1,712 | 3,663 | ..... |
|                            | Pneumonia..... | 116            | 129 | 230   | 190   | 406   | 364   | 386   | 238   | ..... | ..... |
| Detroit.....               | Influenza..... | 21             | 60  | 199   | 485   | 728   | 976   | ..... | ..... | ..... | ..... |
|                            | Pneumonia..... | 9              | 3   | 20    | 28    | 44    | 53    | ..... | ..... | ..... | ..... |
| Chicago <sup>1</sup> ..... | Influenza..... | 752            | 672 | 2,514 | 2,008 | 2,086 | 2,230 | 1,808 | 1,750 | ..... | 1,378 |
|                            | Pneumonia..... | 297            | 181 | 251   | 321   | 307   | 327   | ..... | ..... | ..... | ..... |
| Washington.....            | Influenza..... | 86             | 172 | 226   | 230   | 226   | ..... | 183   | 271   | ..... | 323   |

<sup>1</sup> 2,055 cases of influenza and 646 cases of pneumonia were reported during the preceding 7 days.

### WATER-BORNE TYPHOID AND SPRING FRESHETS.

In no other common communicable disease prevalent in this country have sanitarians so frequently achieved such effective control as in the case of typhoid fever. When one considers what an enormous reduction in the prevalence of typhoid fever has been accomplished, especially by many of the cities in this country, he can not but marvel at the public indifference and neglect with which other communities still tolerate potentially dangerous water supplies, insanitary disposal of excreta, and other common sources of typhoid infection.

So far as water-borne typhoid infection is concerned, now is the time for health officers to be especially alert. Many of the well-known extensive water-borne epidemics of typhoid fever have occurred during the winter and early spring, being associated in the majority of instances with extensive rains and freshets which washed infected material into the water supply. "Thus," to quote Rosenau, "we have the water-borne epidemic in Plymouth, Pa., in 1885, which began with the spring thaw and was doubtless caused by the frozen accumulation of typhoid excrement from a single case. Very similar to the Plymouth outbreak was that at New Haven, Conn., in 1901. Several similar epidemics occurred in the winter time in Chicago, one in January, 1890, another in January, 1896, and one in March, 1891. Another striking instance is the epidemic in Newark, N. J., in February, 1899, and one in December, 1891." In New York City an extensive outbreak of water-borne typhoid fever occurred in February and March, 1907. Such examples could be multiplied from European and other sources.

The lesson to be derived from these outbreaks is plain. Potentially dangerous sources of water supply should be made safe, and health authorities should insist that communities provide for safe disposal of human excreta. Practically all surface water supplies used in an unfiltered condition and not disinfected, should be regarded

as potentially dangerous. Even when they are filtered or disinfected however, careful attention is required to make sure that the process is effective. An instructive lesson on this phase of the problem was afforded by the outbreak of typhoid fever in Herkimer, N. Y., reported in the Public Health Reports last year.

*Mr. Health Officer:*

Has your community a safe water supply? How do you know that it is safe? Have you *recently* made a sanitary survey of the sources of the supply to make sure that it is not potentially dangerous? Do you have bacteriological tests made frequently and regularly? Do you permit a large proportion of your citizens to use water from wells which may be polluted? Is your town adequately sewered or are there still many homes with cesspools and insanitary privies? If your town is small and not provided with waterworks, it is possible that insanitary privies and unsafe methods of disposal of human excreta are polluting your wells.

*Now is the time to take steps to prevent the threatened outbreak of water-borne typhoid fever:*

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### CONJUGAL TUBERCULOSIS.

One of the earliest infectious diseases to have its bacterial cause definitely established, and easily the disease concerning which the greatest amount of scientific research, laboratory, epidemiological, clinical, and sociological, has been undertaken, tuberculosis still remains one of the chief problems confronting health authorities. Moreover, in order to secure control of this disease, it is quite imperative that correct answers be supplied to a number of important questions. Of these, perhaps the most important relates to the question of infectivity, for at the present time it is generally recognized that mere presence of the tubercle bacillus is not synonymous with infection. In this connection students of tuberculosis have repeatedly called attention to the relative infrequency of conjugal infection in tuberculosis. In the case of tuberculosis, numerous investigators have noted that phthisis in both husband and wife is very rare, despite the fact that they probably come into more intimate contact than even father and child.

Following an excellent summary of conjugal tuberculosis, Fishberg in the latest edition of his work "Pulmonary Tuberculosis" comes to the following conclusions:

"We have dwelt on these facts because they are very important points in phthisiogenesis: (1) Tuberculous infection can only occur once; and (2) that phthisis evolves only in persons who are for one reason or another predisposed to the disease. Inasmuch as the

nonphthisical consort has already been infected with tubercle bacilli during childhood, all new opportunities for reinfection by cohabitation with a consumptive consort are of no avail to produce phthisis. It is his or her constitution that determines whether consumption will develop and not the opportunities for reinfection."

The correctness of the view expressed above has recently been challenged. In an interesting article entitled "Conjugal Tuberculosis," published in the *Lancet* (Oct. 4, 1919), E. Ward, M. D., tuberculosis officer for South Devon, gives the results of an inquiry extending over a period of 5 years, and relating to 156 cases in which the mate of a tuberculous husband or wife was examined. The results of these examinations are tabulated as follows:

*CHART I. Results of examination of contacts of tuberculous patients, husband and wife.*

|                                     | Number<br>examined. | Tuber-<br>culous. | Suspect. | Neg-<br>ative. | Percentages.      |          |                |
|-------------------------------------|---------------------|-------------------|----------|----------------|-------------------|----------|----------------|
|                                     |                     |                   |          |                | Tuber-<br>culous. | Suspect. | Neg-<br>ative. |
| Wives (husband first notified)..... | 120                 | 66                | 12       | 42             | 55                | 10       | 35             |
| Husbands (wife first notified)..... | 36                  | 25                | 4        | 7              | 69                | 11       | 20             |
| Total.....                          | 156                 | 91                | 16       | 49             | 58                | 10       | 32             |

"In deciding to which category a contact belongs, the examination was not made so punctiliously that few could escape the net; two or more definite indications were required. Crepitations at one apex alone would not be called tuberculosis, but crepitations at one apex, plus a history of haemoptysis, would be so called. Similarly dullness and crepitations at one apex would be classed as tuberculosis; and also failing health, haemoptysis, and dullness, with crepitations, at one base. If the signs found were suggestive, but not sufficiently conclusive, the contact was classed as suspect.

"Comparing now the results of examining contacts other than husband and wife; out of 1,067 examined, 219 were tuberculous, 284 suspect, and 564 negative; or, roughly, 20 per cent, 27 per cent, and 53 per cent (Chart II). Taking as a further control the contacts of cases seen for an opinion and diagnosed nontuberculous, either at the time of the first visit or later, out of 81 examined, 4 are found to be tuberculous, 7 suspect, and 70 negative; or in percentages, 5 per cent, 8 per cent, and 87 per cent (Chart III). Cases of definite surgical tuberculosis, and their contacts, are included, but the number of such cases was relatively small."

*Chart II. Results of examination of contacts of tuberculous patients other than husband or wife.*

|                      |       |
|----------------------|-------|
| Number examined..... | 1,067 |
| Tuberculous.....     | 219   |
| Suspect.....         | 284   |
| Negative.....        | 564   |
| Percentages:         |       |
| Tuberculous.....     | 20    |
| Suspect.....         | 27    |
| Negative.....        | 53    |

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*Chart III. Results of examination of contacts of nontuberculous patients, including husband or wife.*

|                      |    |
|----------------------|----|
| Number examined..... | 81 |
| Tuberculous.....     | 4  |
| Suspect.....         | 7  |
| Negative.....        | 70 |
| Percentages:         |    |
| Tuberculous.....     | 5  |
| Suspect.....         | 8  |
| Negative.....        | 87 |

After discussing the results of this investigation, the author concludes as follows:

"Well knowing the difficulties in the way of any statistical investigation such as this, I make no claim that the present contribution is a final settlement of the question, but am sure that this important subject should be reconsidered in the light of the greatly increased material now available. On the opinion generally held regarding infection the success or failure of all our antituberculosis work depends. Either we take the fatalistic view of a universal infection and family predisposition (I almost wrote predestination), and therefore direct our efforts to help the tuberculous individual, or we look upon the disease as infectious, and take means to prevent it by isolating highly infective cases, there being as yet no method of universal vaccination against tuberculosis. I estimate that over 50 per cent of all cases seen are due to direct personal infection, and am therefore a strong advocate of preventive measures."

With the large number of well-organized tuberculosis clinics at work in this country, it should not be difficult to obtain a large amount of accurate statistical information to determine which view represents the true condition. Further studies along this line are certainly desirable, for the question at issue involves one of the most fundamental points in the whole tuberculosis campaign.

#### **DIVISION OF VENEREAL DISEASES, NOVEMBER 1- DECEMBER 31, 1919.**

The accompanying table covers the activities of 253 of the clinics operating under the joint control of the United States Public Health Service and State boards of health, for the months of November and December, 1919.

This table shows that during that time there were 17,925 new admissions, making a total of 52,343 under treatment. There were 236,036 treatments administered to the patients under the care of these clinics, of which 41,848 were the administration of arsphenamine.

A table showing the number of cases of venereal diseases reported by State boards of health for November and December, 1919, is also given.

*Census of patients under care of 253 of the clinics operated by the United States Public Health Service and State boards of health, for the months of November and December, 1919.*

| State and city.               | Total patients. | Remaining on Nov. 1. | New admissions. | Discharged.  | Discontinued treatment. | Remaining under treatment. |
|-------------------------------|-----------------|----------------------|-----------------|--------------|-------------------------|----------------------------|
| <b>Total.....</b>             | <b>52,343</b>   | <b>34,418</b>        | <b>17,925</b>   | <b>4,630</b> | <b>9,269</b>            | <b>38,444</b>              |
| <b>Alabama.....</b>           | <b>4,330</b>    | <b>2,706</b>         | <b>1,624</b>    | <b>363</b>   | <b>788</b>              | <b>3,179</b>               |
| Anniston.....                 | 105             | 114                  | 81              | 28           | 9                       | 158                        |
| Bessemer.....                 | 74              | 16                   | 58              | 32           | 16                      | 26                         |
| Birmingham.....               | 1,825           | 1,001                | 824             | 208          | 655                     | 962                        |
| Florence.....                 | 136             | 50                   | 86              | 27           | 40                      | 69                         |
| Huntsville.....               | 252             | 155                  | 97              | 20           | 23                      | 209                        |
| Mobile.....                   | 642             | 506                  | 136             | 13           | 21                      | 608                        |
| Montgomery.....               | 451             | 326                  | 125             | 10           | 6                       | 435                        |
| Riverwood.....                | 38              | 23                   | 15              | -----        | 6                       | 32                         |
| Sylacauga.....                | 31              | 24                   | 7               | 5            | 4                       | 22                         |
| Talladega.....                | 118             | 72                   | 46              | 6            | 8                       | 104                        |
| Tuscaloosa.....               | 568             | 419                  | 149             | 14           | -----                   | 554                        |
| <b>Arkansas.....</b>          | <b>755</b>      | <b>455</b>           | <b>300</b>      | <b>36</b>    | <b>44</b>               | <b>675</b>                 |
| Fort Smith.....               | 24              | 21                   | 3               | -----        | 1                       | 23                         |
| Hot Springs.....              | 542             | 288                  | 254             | 35           | 39                      | 468                        |
| Little Rock.....              | 189             | 146                  | 43              | 1            | 4                       | 184                        |
| <b>California.....</b>        | <b>2,327</b>    | <b>1,604</b>         | <b>723</b>      | <b>137</b>   | <b>554</b>              | <b>1,636</b>               |
| Freano.....                   | 86              | 70                   | 16              | 5            | 3                       | 78                         |
| Los Angeles—                  |                 |                      |                 |              |                         |                            |
| Temple Block.....             | 590             | 416                  | 183             | 33           | 166                     | 400                        |
| Boyle Avenue.....             | 131             | 73                   | 58              | 4            | 58                      | 69                         |
| Oakland.....                  | 142             | 94                   | 48              | 22           | 3                       | 117                        |
| Pasadena.....                 | 37              | 17                   | 20              | -----        | 11                      | 26                         |
| Sacramento.....               | 43              | 13                   | 30              | 11           | 8                       | 24                         |
| San Bernardino.....           | 47              | 29                   | 18              | 6            | 3                       | 38                         |
| San Diego.....                | 147             | 122                  | 25              | 4            | 4                       | 139                        |
| San Jose.....                 | 97              | 70                   | 27              | -----        | 24                      | 73                         |
| San Francisco—                |                 |                      |                 |              |                         |                            |
| University of California..... | 342             | 288                  | 54              | 3            | 24                      | 315                        |
| Stanford University.....      | 337             | 230                  | 107             | 4            | 148                     | 185                        |
| Department of Health.....     | 208             | 111                  | 97              | 18           | 86                      | 104                        |
| Santa Barbara.....            | 49              | 39                   | 10              | 4            | -----                   | 45                         |
| Stockton.....                 | 62              | 32                   | 30              | 23           | 16                      | 23                         |
| <b>Colorado.....</b>          | <b>90</b>       | <b>29</b>            | <b>61</b>       | <b>16</b>    | <b>5</b>                | <b>69</b>                  |
| Buena Vista.....              | 18              | 4                    | 14              | -----        | -----                   | 18                         |
| Colorado Springs.....         | 1 15            | -----                | 15              | 2            | 1                       | 12                         |
| Salida.....                   | 6               | 2                    | 4               | 3            | -----                   | 3                          |
| Trinidad.....                 | 51              | 23                   | 28              | 11           | 4                       | 36                         |
| <b>Connecticut.....</b>       | <b>642</b>      | <b>414</b>           | <b>228</b>      | <b>128</b>   | <b>80</b>               | <b>434</b>                 |
| Bridgeport.....               | 123             | 65                   | 58              | 33           | 32                      | 58                         |
| Hartford.....                 | 1 27            | -----                | 27              | 3            | -----                   | 24                         |
| New Haven.....                | 377             | 280                  | 97              | 68           | 37                      | 272                        |
| New London.....               | 68              | 51                   | 17              | 6            | 2                       | 60                         |
| Stamford.....                 | 35              | 15                   | 20              | 18           | 4                       | 13                         |
| Waterbury.....                | 12              | 3                    | 9               | -----        | 5                       | 7                          |
| <b>Delaware.....</b>          | <b>147</b>      | <b>36</b>            | <b>111</b>      | -----        | <b>14</b>               | <b>133</b>                 |
| Dover.....                    | 1 14            | -----                | 14              | -----        | -----                   | 14                         |
| Wilmington.....               | 133             | 36                   | 97              | -----        | 14                      | 119                        |
| <b>Florida.....</b>           | <b>1,849</b>    | <b>1,053</b>         | <b>796</b>      | <b>114</b>   | <b>297</b>              | <b>1,438</b>               |
| Arcadia.....                  | 92              | 71                   | 21              | 10           | 7                       | 75                         |
| Hosford.....                  | 1 258           | -----                | 258             | 44           | 116                     | 98                         |
| Jacksonville.....             | 1,199           | 833                  | 366             | -----        | 133                     | 1,066                      |
| Key West.....                 | 29              | 24                   | 5               | -----        | 8                       | 21                         |
| Lake City.....                | 17              | 5                    | 12              | 3            | 7                       | 7                          |
| Miami.....                    | 1 7             | -----                | 7               | -----        | -----                   | 7                          |
| Pensacola.....                | 56              | 20                   | 36              | 4            | 2                       | 50                         |
| Tampa.....                    | 166             | 88                   | 78              | 44           | 19                      | 103                        |
| West Palm Beach.....          | 25              | 12                   | 13              | 9            | 5                       | 11                         |

<sup>1</sup> First report.

January 30, 1920.

*Census of patients under care of 253 of the clinics operated by the United States Public Health Service and State boards of health, for the months of November and December, 1919—Continued.*

| State and city.              | Total patients. | Remaining on Nov. 1. | New admissions. | Discharged. | Discontinued treatment. | Remaining under treatment. |
|------------------------------|-----------------|----------------------|-----------------|-------------|-------------------------|----------------------------|
| <b>Georgia.....</b>          | <b>1,803</b>    | <b>1,308</b>         | <b>495</b>      | <b>171</b>  | <b>684</b>              | <b>948</b>                 |
| Brunswick.....               | 54              | 33                   | 21              | 2           | 4                       | 48                         |
| Columbus.....                | 121             | 63                   | 58              | 27          | 43                      | 51                         |
| Macon.....                   | 640             | 467                  | 173             | 95          | 244                     | 301                        |
| Savannah.....                | 988             | 745                  | 243             | 47          | 393                     | 548                        |
| <b>Illinois.....</b>         | <b>2,713</b>    | <b>1,876</b>         | <b>837</b>      | <b>177</b>  | <b>230</b>              | <b>2,306</b>               |
| Chicago—                     |                 |                      |                 |             |                         |                            |
| Central Free Dispensary..... | 478             | 386                  | 92              | 10          | 56                      | 412                        |
| Grand Crossing Clinic.....   | 140             | 84                   | 56              | 8           | 34                      | 98                         |
| Social Hygiene League.....   | 895             | 584                  | 311             | 7           | -----                   | 888                        |
| Racine Avenue.....           | 304             | 245                  | 59              | 7           | 20                      | 277                        |
| Sedgewick Clinic.....        | 272             | 233                  | 39              | 13          | 2                       | 257                        |
| South Side Clinic.....       | 213             | 123                  | 90              | 14          | 42                      | 157                        |
| Stock Yards Clinic.....      | 133             | -----                | 33              | 7           | -----                   | 26                         |
| Decatur.....                 | 131             | 69                   | 62              | 71          | 15                      | 45                         |
| East St. Louis.....          | 132             | 89                   | 43              | 16          | 37                      | 79                         |
| Rockford.....                | 44              | 24                   | 20              | 5           | 8                       | 31                         |
| Springfield.....             | 71              | 39                   | 32              | 26          | 9                       | 36                         |
| <b>Indiana.....</b>          | <b>3,804</b>    | <b>2,439</b>         | <b>1,365</b>    | <b>412</b>  | <b>361</b>              | <b>3,031</b>               |
| Anderson.....                | 120             | 75                   | 45              | 8           | 26                      | 86                         |
| Brazil.....                  | 17              | -----                | 7               | -----       | -----                   | 7                          |
| Columbus.....                | 45              | 26                   | 19              | 1           | 3                       | 41                         |
| East Chicago.....            | 145             | 116                  | 29              | 15          | 17                      | 113                        |
| Evansville.....              | 364             | 166                  | 198             | 14          | 8                       | 342                        |
| Fort Wayne.....              | 148             | -----                | 48              | 3           | 3                       | 42                         |
| Hammond.....                 | 81              | 34                   | 47              | 9           | 14                      | 58                         |
| Indianapolis—                |                 |                      |                 |             |                         |                            |
| Market Street.....           | 1,173           | 875                  | 298             | 120         | 160                     | 803                        |
| City Hospital.....           | 109             | 54                   | 55              | 67          | -----                   | 42                         |
| Kokomo.....                  | 262             | 151                  | 111             | 25          | 20                      | 217                        |
| Madison.....                 | 27              | 14                   | 13              | 4           | 1                       | 22                         |
| Marion.....                  | 74              | 42                   | 32              | 9           | -----                   | 65                         |
| Michigan City.....           | 117             | 94                   | 23              | 19          | 14                      | 84                         |
| Muncie.....                  | 199             | 130                  | 69              | 6           | 33                      | 160                        |
| New Castle.....              | 82              | 38                   | 44              | 29          | 14                      | 39                         |
| South Bend.....              | 244             | 124                  | 120             | 48          | 20                      | 176                        |
| Terre Haute.....             | 707             | 500                  | 207             | 35          | 28                      | 644                        |
| <b>Iowa.....</b>             | <b>545</b>      | <b>280</b>           | <b>265</b>      | <b>122</b>  | <b>51</b>               | <b>372</b>                 |
| Clinton.....                 | 107             | 57                   | 50              | 18          | 8                       | 81                         |
| Davenport.....               | 108             | 40                   | 68              | 22          | 23                      | 63                         |
| Des Moines.....              | 284             | 166                  | 118             | 71          | 15                      | 198                        |
| Mason City.....              | 23              | 5                    | 18              | -----       | 2                       | 21                         |
| Council Bluffs.....          | 23              | 12                   | 11              | 11          | 3                       | 9                          |
| <b>Kansas.....</b>           | <b>442</b>      | <b>246</b>           | <b>196</b>      | <b>75</b>   | <b>26</b>               | <b>339</b>                 |
| El Dorado.....               | 100             | 24                   | 76              | 32          | 1                       | 67                         |
| Rosedale.....                | 195             | 138                  | 57              | -----       | 15                      | 180                        |
| Topeka.....                  | 64              | 39                   | 25              | 2           | 4                       | 58                         |
| Wichita.....                 | 83              | 45                   | 38              | 41          | 8                       | 34                         |
| <b>Kentucky.....</b>         | <b>1,036</b>    | <b>744</b>           | <b>292</b>      | <b>18</b>   | <b>289</b>              | <b>729</b>                 |
| Dayton.....                  | 14              | -----                | 4               | -----       | -----                   | 4                          |
| Frankfort.....               | 23              | 7                    | 16              | 9           | -----                   | 14                         |
| Irvington.....               | 115             | -----                | 15              | 4           | 1                       | 10                         |
| Louisville.....              | 991             | 737                  | 254             | 5           | 288                     | 698                        |
| Owensboro.....               | 13              | -----                | 3               | -----       | -----                   | 3                          |
| <b>Louisiana.....</b>        | <b>1,859</b>    | <b>1,296</b>         | <b>563</b>      | <b>97</b>   | <b>523</b>              | <b>1,239</b>               |
| Alexandria.....              | 171             | 106                  | 65              | 12          | 43                      | 116                        |
| New Orleans—                 |                 |                      |                 |             |                         |                            |
| Charity Hospital.....        | 861             | 639                  | 222             | 18          | 292                     | 551                        |
| Touro Infirmary.....         | 294             | 169                  | 125             | 44          | 173                     | 77                         |
| Shreveport.....              | 533             | 382                  | 151             | 23          | 15                      | 495                        |

\* First report.

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| State and city.                  | Total patients. | Remaining on Nov. 1. | New admissions. | Discharged. | Discontinued treatment. | Remaining under treatment. |
|----------------------------------|-----------------|----------------------|-----------------|-------------|-------------------------|----------------------------|
| Maine.....                       | 106             | 74                   | 32              | 1           | 16                      | 89                         |
| Augusta.....                     | 28              | 22                   | 6               | 1           | 1                       | 26                         |
| Bath.....                        | 11              | 8                    | 3               | .....       | 4                       | 7                          |
| Calais.....                      | 20              | 7                    | 13              | .....       | .....                   | 20                         |
| Portland.....                    | 47              | 37                   | 10              | .....       | 11                      | 36                         |
| Massachusetts.....               | 3,983           | 2,650                | 1,303           | 146         | 572                     | 3,285                      |
| Attleboro.....                   | 11              | 5                    | 6               | .....       | 8                       | 3                          |
| Boston—                          |                 |                      |                 |             |                         |                            |
| City Hospital (G. U.).....       | 183             | 158                  | 25              | 5           | 10                      | 168                        |
| City Hospital (skin).....        | 110             | 91                   | 19              | .....       | 44                      | 66                         |
| General Hospital (G. U.).....    | 236             | 72                   | 164             | 19          | 57                      | 160                        |
| General Hospital (syphilis)..... | 1,126           | 845                  | 281             | 5           | .....                   | 1,121                      |
| Dispensary.....                  | 1,580           | 1,128                | 452             | 93          | 269                     | 1,218                      |
| Homeopathic Hospital.....        | 129             | 70                   | 59              | .....       | 16                      | 113                        |
| Brockton.....                    | 14              | 5                    | 9               | 2           | 6                       | 6                          |
| Fall River.....                  | 87              | 70                   | 17              | 3           | 12                      | 72                         |
| Fitchburg.....                   | 33              | 18                   | 15              | 5           | 14                      | 14                         |
| Lawrence.....                    | 53              | 28                   | 25              | .....       | 47                      | 6                          |
| Lynn.....                        | 83              | 55                   | 28              | 5           | 13                      | 65                         |
| New Bedford.....                 | 178             | 108                  | 70              | 7           | 38                      | 133                        |
| Pittsfield.....                  | 5               | 2                    | 3               | 2           | .....                   | 3                          |
| Salem.....                       | 13              | 9                    | 4               | .....       | 3                       | 10                         |
| Springfield.....                 | 102             | .....                | 102             | .....       | 9                       | 93                         |
| Worcester.....                   | 40              | 16                   | 24              | .....       | 26                      | 14                         |
| Michigan.....                    | 345             | 145                  | 200             | 38          | 36                      | 271                        |
| Battle Creek.....                | 80              | 32                   | 48              | 16          | 10                      | 54                         |
| Bay City.....                    | 148             | .....                | 48              | .....       | .....                   | 48                         |
| Jackson.....                     | 74              | 45                   | 29              | 10          | 5                       | 59                         |
| Kalamazoo.....                   | 29              | 14                   | 15              | 4           | 2                       | 23                         |
| Lansing.....                     | 148             | .....                | 48              | 8           | 18                      | 22                         |
| Saginaw.....                     | 66              | 54                   | 12              | .....       | 1                       | 65                         |
| Minnesota.....                   | 706             | 493                  | 208             | 47          | 132                     | 527                        |
| Duluth.....                      | 224             | 146                  | 78              | 12          | 43                      | 169                        |
| Minneapolis—                     |                 |                      |                 |             |                         |                            |
| University.....                  | 183             | 128                  | 55              | 23          | 43                      | 117                        |
| City hospital.....               | 65              | 45                   | 20              | .....       | 30                      | 35                         |
| St. Paul.....                    | 234             | 179                  | 55              | 12          | 16                      | 206                        |
| Mississippi.....                 | 437             | 245                  | 192             | 110         | 24                      | 303                        |
| Hattiesburg.....                 | 105             | 54                   | 51              | 4           | 13                      | 88                         |
| Jackson.....                     | 239             | 179                  | 60              | 49          | .....                   | 190                        |
| Laurel.....                      | 93              | 12                   | 81              | 57          | 11                      | 25                         |
| Missouri.....                    | 1,529           | 608                  | 921             | 247         | 270                     | 1,012                      |
| Kansas City.....                 | 604             | 198                  | 406             | 145         | 210                     | 249                        |
| St. Louis <sup>2</sup> .....     | 925             | 410                  | 515             | 102         | 60                      | 763                        |
| Nebraska.....                    | 404             | 237                  | 167             | 67          | 43                      | 294                        |
| Fremont.....                     | 16              | 7                    | 9               | 10          | 1                       | 5                          |
| Hastings.....                    | 10              | 5                    | 5               | 2           | .....                   | 8                          |
| Grand Island.....                | 8               | 2                    | 6               | 2           | 2                       | 4                          |
| Lincoln.....                     | 49              | 26                   | 23              | 13          | 9                       | 27                         |
| Omaha—                           |                 |                      |                 |             |                         |                            |
| Creighton Medical College.....   | 171             | 91                   | 80              | 38          | 11                      | 122                        |
| University of Nebraska.....      | 150             | 106                  | 44              | 2           | 20                      | 128                        |
| New Hampshire.....               | 166             | 122                  | 44              | 20          | 19                      | 127                        |
| Manchester.....                  | 140             | 106                  | 34              | 19          | 10                      | 111                        |
| Nashua.....                      | 26              | 16                   | 10              | 1           | 9                       | 16                         |
| New Jersey.....                  | 1,400           | 1,015                | 385             | 58          | 284                     | 1,048                      |
| Camden.....                      | 331             | 226                  | 105             | 28          | 120                     | 183                        |
| Elizabeth.....                   | 37              | 26                   | 11              | 1           | .....                   | 36                         |
| Jersey City.....                 | 174             | 112                  | 62              | 22          | 42                      | 110                        |
| Long Branch.....                 | 101             | 57                   | 44              | 2           | 44                      | 55                         |
| Newark.....                      | 416             | 319                  | 97              | .....       | 37                      | 379                        |
| Orange.....                      | 110             | 82                   | 28              | 2           | 21                      | 87                         |
| Trenton.....                     | 231             | 193                  | 58              | 3           | 30                      | 198                        |

<sup>1</sup> First report.<sup>2</sup> Temporarily closed.

January 30, 1920.

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| State and city.                | Total patients. | Remaining on Nov. 1. | New admissions. | Discharged. | Discontinued treatment. | Remaining under treatment. |
|--------------------------------|-----------------|----------------------|-----------------|-------------|-------------------------|----------------------------|
| <b>New York.....</b>           | <b>3,159</b>    | <b>2,119</b>         | <b>1,040</b>    | <b>154</b>  | <b>317</b>              | <b>2,688</b>               |
| Albany—                        |                 |                      |                 |             |                         |                            |
| Dispensary.....                | 40              | 24                   | 16              | 10          | 3                       | 27                         |
| Hospital.....                  | 11              | 8                    | 3               |             |                         | 11                         |
| Clinic.....                    | 6               | 6                    |                 |             | 1                       | 5                          |
| Amsterdam.....                 | 33              | 15                   | 18              | 3           |                         | 30                         |
| Batavia.....                   | 10              | 6                    | 4               | 2           |                         | 8                          |
| Bath.....                      | 5               | 3                    | 2               |             |                         | 5                          |
| Binghamton.....                | 132             | 86                   | 46              | 24          | 17                      | 91                         |
| Buffalo.....                   | 651             | 487                  | 164             | 23          | 38                      | 591                        |
| Corning.....                   | 10              | 6                    | 4               | 1           |                         | 9                          |
| Dunkirk.....                   | 17              | 7                    | 10              |             |                         | 17                         |
| Glens Falls.....               | 29              | 11                   | 18              |             | 6                       | 23                         |
| Gloversville.....              | 32              | 22                   | 10              | 7           | 1                       | 24                         |
| Jamesstown.....                | 33              | 24                   | 9               | 1           | 1                       | 31                         |
| Little Falls.....              | 7               | 4                    | 3               |             |                         | 7                          |
| Middletown.....                | 35              | 28                   | 7               |             | 1                       | 34                         |
| New York City.....             | 1,102           | 687                  | 415             |             | 82                      | 1,020                      |
| Niagara Falls.....             | 48              | 18                   | 30              | 14          | 17                      | 17                         |
| Oswego.....                    | 20              | 9                    | 11              | 4           | 1                       | 15                         |
| Poughkeepsie.....              | 53              | 43                   | 10              | 5           | 4                       | 44                         |
| Rochester—                     |                 |                      |                 |             |                         |                            |
| Hahnemann Hospital.....        | 28              | 22                   | 6               |             | 2                       | 26                         |
| Homeopathic Hospital.....      | 115             |                      | 15              |             |                         | 15                         |
| General Hospital.....          | 79              | 58                   | 21              | 10          | 7                       | 62                         |
| Dispensary.....                | 147             | 108                  | 39              | 6           | 14                      | 127                        |
| Rockville Center.....          | 13              | 12                   | 1               |             |                         | 13                         |
| Rome.....                      | 58              | 41                   | 17              | 9           | 12                      | 37                         |
| Schenectady.....               | 122             | 97                   | 25              | 10          | 19                      | 93                         |
| Syracuse.....                  | 245             | 152                  | 93              |             | 78                      | 167                        |
| Tonawanda.....                 | 12              |                      | 2               |             |                         | 2                          |
| Troy.....                      | 65              | 53                   | 12              | 19          | 2                       | 44                         |
| Utica.....                     | 111             | 82                   | 29              | 7           | 11                      | 93                         |
| <b>North Carolina.....</b>     | <b>1,192</b>    | <b>802</b>           | <b>390</b>      | <b>163</b>  | <b>315</b>              | <b>714</b>                 |
| Ashville.....                  | 110             | 48                   | 62              | 27          | 10                      | 73                         |
| Charlotte.....                 | 588             | 455                  | 133             | 9           | 235                     | 344                        |
| Clinton.....                   | 14              | 5                    | 9               | 7           | 3                       | 4                          |
| Fayetteville.....              | 142             | 118                  | 24              | 20          |                         | 122                        |
| Greensboro.....                | 109             | 44                   | 65              | 56          | 12                      | 41                         |
| High Point.....                | 20              | 7                    | 13              |             | 8                       | 12                         |
| Raleigh.....                   | 19              |                      | 9               |             |                         | 9                          |
| Winston-Salem.....             | 200             | 125                  | 75              | 44          | 47                      | 109                        |
| <b>North Dakota.....</b>       | <b>46</b>       | <b>30</b>            | <b>16</b>       | <b>1</b>    | <b>2</b>                | <b>43</b>                  |
| Minot.....                     | 46              | 30                   | 16              | 1           | 2                       | 43                         |
| <b>Ohio.....</b>               | <b>4,686</b>    | <b>3,380</b>         | <b>1,306</b>    | <b>401</b>  | <b>752</b>              | <b>3,533</b>               |
| Akron.....                     | 826             | 567                  | 259             | 44          | 335                     | 447                        |
| Alliance.....                  | 77              | 50                   | 27              | 2           | 25                      | 50                         |
| Ashatabula.....                | 12              | 6                    | 6               |             | 2                       | 10                         |
| Chillicothe.....               | 39              | 16                   | 23              | 3           | 6                       | 30                         |
| Cincinnati—Clinic.....         | 249             | 191                  | 58              | 28          | 88                      | 133                        |
| Cleveland—                     |                 |                      |                 |             |                         |                            |
| City Hospital.....             | 227             | 92                   | 135             | 174         | 14                      | 39                         |
| Mount Sinai Hospital.....      | 152             | 81                   | 71              | 6           | 25                      | 121                        |
| Lakeside Hospital (night)..... | 232             | 207                  | 25              |             | 12                      | 220                        |
| Lakeside Hospital (day).....   | 704             | 609                  | 95              | 1           | 32                      | 671                        |
| Lakeside Hospital (G. U.)..... | 365             | 274                  | 91              | 22          | 11                      | 332                        |
| Columbus.....                  | 207             | 148                  | 59              | 2           | 47                      | 158                        |
| Dayton.....                    | 114             | 70                   | 44              | 1           | 30                      | 83                         |
| Hamilton.....                  | 42              | 28                   | 14              |             | 11                      | 31                         |
| Lima.....                      | 160             | 125                  | 35              | 9           | 5                       | 146                        |
| Lorain.....                    | 70              | 51                   | 19              | 1           | 10                      | 59                         |
| Portsmouth.....                | 240             | 165                  | 75              | 38          | 22                      | 180                        |
| Springfield.....               | 90              | 62                   | 28              | 10          | 1                       | 79                         |
| Toledo.....                    | 668             | 490                  | 178             | 36          |                         | 632                        |
| Warren.....                    | 88              | 58                   | 30              | 15          | 14                      | 59                         |
| Youngstown.....                | 124             | 90                   | 34              | 9           | 62                      | 53                         |

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| State and city.              | Total patients. | Remaining on Nov. 1. | New ad-missions. | Dis-charged. | Discon-tinued treat-ment. | Remain-ing under treat-ment. |
|------------------------------|-----------------|----------------------|------------------|--------------|---------------------------|------------------------------|
| Oklahoma.....                | 1,352           | 680                  | 672              | 256          | 250                       | 846                          |
| Ardmore.....                 | 61              | 34                   | 27               | 9            | 9                         | 43                           |
| Bartlesville.....            | 67              | 26                   | 41               | 4            | 2                         | 61                           |
| Chickasha.....               | 55              | 26                   | 29               | 31           | 1                         | 23                           |
| Muskogee.....                | 174             | 74                   | 100              | 17           | 12                        | 145                          |
| Oklahoma City.....           | 436             | 170                  | 266              | 89           | 197                       | 150                          |
| Picher.....                  | 192             | 93                   | 99               | 89           | 16                        | 87                           |
| Tulsa.....                   | 367             | 257                  | 110              | 17           | 13                        | 337                          |
| Oregon.....                  | 240             | 195                  | 45               | 6            | 20                        | 214                          |
| Portland.....                | 240             | 195                  | 45               | 6            | 20                        | 214                          |
| Rhode Island.....            | 795             | 676                  | 119              | 13           | 49                        | 733                          |
| Pawtucket.....               | 89              | 70                   | 19               | 3            | 17                        | 69                           |
| Providence—                  |                 |                      |                  |              |                           |                              |
| City Hospital.....           | 542             | 469                  | 73               | 5            | 22                        | 515                          |
| Rhode Island Hospital.....   | 130             | 116                  | 14               | 1            | 7                         | 122                          |
| St Joseph's Hospital.....    | 22              | 13                   | 9                | 4            | 3                         | 15                           |
| Woonsocket.....              | 12              | 8                    | 4                |              |                           | 12                           |
| South Carolina.....          | 3,711           | 2,377                | 1,334            | 304          | 689                       | 2,718                        |
| Anderson.....                | 124             | -----                | 124              | 6            | 5                         | 113                          |
| Charleston.....              | 342             | 176                  | 166              | 90           | 95                        | 157                          |
| Columbia.....                | 888             | 670                  | 218              | 14           | 186                       | 688                          |
| Florence.....                | 495             | 326                  | 169              | 37           | 91                        | 367                          |
| Greenville.....              | 672             | 479                  | 193              | 42           | 177                       | 453                          |
| Newberry.....                | 372             | 177                  | 195              | 37           | 23                        | 312                          |
| Orangeburg.....              | 429             | 350                  | 79               | 19           | 8                         | 402                          |
| Spartansburg.....            | 389             | 199                  | 190              | 59           | 104                       | 226                          |
| South Dakota.....            | 41              | 22                   | 19               | 2            | 1                         | 38                           |
| Aberdeen.....                | 32              | 19                   | 13               | 2            |                           | 30                           |
| Lead.....                    | 9               | 3                    | 6                |              | 1                         | 8                            |
| Tennessee.....               | 481             | 365                  | 116              | 51           | 65                        | 385                          |
| Chattanooga.....             | 481             | 365                  | 116              | 51           | 65                        | 365                          |
| Texas.....                   | 2,755           | 1,992                | 763              | 324          | 1,137                     | 1,244                        |
| Galveston <sup>1</sup> ..... | 658             | 541                  | 117              | 10           | 648                       | 0                            |
| Houston.....                 | 1,636           | 1,126                | 510              | 224          | 414                       | 998                          |
| San Antonio.....             | 461             | 325                  | 136              | 90           | 125                       | 246                          |
| Vermont.....                 | 49              | 38                   | 11               | 5            | 5                         | 39                           |
| Burlington.....              | 49              | 38                   | 11               | 5            | 5                         | 39                           |
| Virginia.....                | 2,046           | 1,338                | 708              | 320          | 219                       | 1,807                        |
| Alexandria.....              | 106             | 55                   | 51               | 42           | 39                        | 25                           |
| Danville.....                | 96              | 61                   | 35               | 12           | 10                        | 74                           |
| Lynchburg.....               | 147             | 96                   | 51               | 20           | 19                        | 108                          |
| Newport News.....            | 868             | 771                  | 97               | 68           | 53                        | 747                          |
| Norfolk.....                 | 255             | 101                  | 154              | 90           | 23                        | 142                          |
| Norton.....                  | 87              | -----                | 87               | 3            | 2                         | 82                           |
| Petersburg.....              | 94              | 53                   | 41               | 8            | 14                        | 72                           |
| Portsmouth.....              | 33              | 12                   | 21               | 4            |                           | 29                           |
| Richmond.....                | 245             | 133                  | 112              | 54           | 27                        | 154                          |
| Roanoke.....                 | 115             | 56                   | 59               | 19           | 22                        | 74                           |
| West Virginia.....           | 372             | 294                  | 78               | 30           | 44                        | 238                          |
| Charleston.....              | 37              | 23                   | 14               | 5            | 7                         | 25                           |
| Glendale.....                | 23              | 17                   | 8                | 8            |                           | 17                           |
| Huntington.....              | 25              | 4                    | 21               | 1            | 2                         | 22                           |
| Parkersburg.....             | 20              | 18                   | 2                |              | 4                         | 16                           |
| Richwood.....                | 21              | -----                | 21               | 8            | 4                         | 9                            |
| Wheeling.....                | 244             | 232                  | 12               | 8            | 27                        | 209                          |

<sup>1</sup> First report.<sup>2</sup> Temporarily closed.

January 30, 1920.

*Summary of cases of venereal diseases reported by State boards of health for November and December, 1919.*

| State.                       | Total cases. | Gonorrhea. | Syphilis. | Chancroid. |
|------------------------------|--------------|------------|-----------|------------|
| Alabama.....                 | 3,211        | 1,368      | 1,722     | 121        |
| Arizona.....                 | 78           | 59         | 19        | 0          |
| Arkansas.....                | 557          | 344        | 170       | 43         |
| California.....              | 1,251        | 665        | 586       | 0          |
| Colorado.....                | 928          | 705        | 198       | 25         |
| Connecticut.....             | 632          | 192        | 438       | 2          |
| Delaware.....                | 243          | 134        | 102       | 7          |
| Florida.....                 | 875          | 308        | 518       | 49         |
| Georgia.....                 | 1,085        | 564        | 483       | 38         |
| Idaho.....                   | 104          | 71         | 33        | 0          |
| Illinois.....                | 6,873        | 3,923      | 2,739     | 211        |
| Indiana.....                 | 2,575        | 1,468      | 1,039     | 68         |
| Iowa.....                    | 823          | 603        | 189       | 31         |
| Kansas.....                  | 472          | 278        | 186       | 8          |
| Kentucky.....                | 982          | 570        | 377       | 35         |
| Louisiana.....               | 1,212        | 691        | 381       | 140        |
| Maine.....                   | 436          | 289        | 141       | 6          |
| Maryland <sup>1</sup> .....  | 319          | 149        | 112       | 58         |
| Massachusetts.....           | 2,101        | 1,362      | 739       | 0          |
| Michigan.....                | 4,725        | 3,062      | 1,576     | 87         |
| Minnesota.....               | 1,649        | 906        | 682       | 61         |
| Mississippi.....             | 344          | 224        | 94        | 26         |
| Missouri.....                | 1,150        | 636        | 455       | 68         |
| Nebraska.....                | 956          | 644        | 264       | 48         |
| New Hampshire.....           | 171          | 115        | 53        | 3          |
| New Jersey.....              | 1,231        | 633        | 526       | 72         |
| New York.....                | 8,863        | 2,565      | 6,298     | 0          |
| New Mexico.....              | 65           | 44         | 15        | 6          |
| North Carolina.....          | 1,198        | 815        | 301       | 82         |
| North Dakota.....            | 162          | 130        | 29        | 3          |
| Ohio.....                    | 2,328        | 1,148      | 1,107     | 73         |
| Oklahoma <sup>1</sup> .....  | 833          | 469        | 312       | 52         |
| Oregon.....                  | 270          | 197        | 71        | 2          |
| Rhode Island.....            | 166          | 63         | 102       | 1          |
| South Carolina.....          | 2,079        | 1,045      | 928       | 106        |
| South Dakota.....            | 195          | 148        | 43        | 4          |
| Tennessee <sup>1</sup> ..... | 1,222        | 725        | 411       | 86         |
| Texas.....                   | 1,927        | 1,177      | 560       | 190        |
| Utah <sup>1</sup> .....      | 112          | 74         | 33        | 5          |
| Vermont.....                 | 156          | 97         | 59        | 0          |
| Virginia.....                | 886          | 435        | 370       | 81         |
| Washington.....              | 872          | 668        | 198       | 6          |
| West Virginia.....           | 683          | 497        | 158       | 28         |
| Wisconsin.....               | 747          | 616        | 106       | 25         |
| Wyoming <sup>2</sup> .....   | 130          |            |           |            |
| Total.....                   | 57,886       | 30,876     | 24,923    | 1,957      |

<sup>1</sup> November only.<sup>2</sup> Not classified according to disease.

## DEATHS DURING WEEK ENDED JAN. 17, 1920.

[From the "Weekly Health Index," Jan. 20, 1920, issued by the Bureau of the Census, Department of Commerce.]

*Deaths from all causes in certain large cities of the United States during the week ended Jan. 17, 1920, infant mortality (per cent), annual death rates, and comparison with corresponding week of preceding years.*

| City.                 | Population<br>July 1,<br>1918, es-<br>timated. | Week ended Jan.<br>17, 1920. |                             | Average<br>annual<br>death<br>rate per<br>1,000. <sup>1</sup> | Per cent of deaths<br>under 1 year. |  |
|-----------------------|--|------------------------------|-----------------------------|---|-------------------------------------|--|
|                       |  | Total<br>deaths.             | Death<br>rate. <sup>1</sup> |   | Week<br>ended<br>Jan. 17,<br>1920.  | Previous<br>year or<br>years. <sup>2</sup> |
| Albany, N. Y.         | 112,565  | 25                           | 11.6                        | C 19.5  | 16.0                                | C 14.3                                     |
| Atlanta, Ga.          | 201,732  | 69                           | 17.8                        | C 27.7  | 11.6                                | C 16.8                                     |
| Baltimore, Md.        | 3,669,981                                      | 220                          | 17.1                        | A 20.5  | 14.1                                | A 11.5                                     |
| Boston, Mass.         | 785,245  | 213                          | 14.1                        | A 19.4  | 16.0                                | A 13.0                                     |
| Buffalo, N. Y.        | 473,229  | 128                          | 14.1                        | C 17.9  | 16.4                                | C 16.7                                     |
| Cambridge, Mass.      | 111,432  | 38                           | 17.8                        | A 15.9  | 10.5                                | A 17.5                                     |
| Chicago, Ill.         | 2,596,681                                      | 751                          | 15.1                        | A 17.0  | 17.0                                | A 16.0                                     |
| Cincinnati, Ohio      | 418,022  | 111                          | 13.8                        | C 19.8  | 11.7                                | C 9.4                                      |
| Cleveland, Ohio       | 810,306  | 163                          | 10.5                        | C 14.0  | 14.7                                | C 19.3                                     |
| Columbus, Ohio        | 225,296  | 67                           | 15.5                        | C 25.9  | 7.5                                 | C 13.4                                     |
| Dayton, Ohio          | 130,655  | 40                           | 16.0                        | C 19.6  | 10.0                                | C 16.3                                     |
| Denver, Colo.         |  | 84                           |                             |   | 11.9                                |  |
| Fall River, Mass.     | 128,392  | 37                           | 15.0                        | C 19.1  | 21.6                                | C 31.9                                     |
| Grand Rapids, Mich.   | 135,450  | 23                           | 8.9                         | C 13.9  | 8.7                                 | C 11.1                                     |
| Indianapolis, Ind.    | 290,389  | 89                           | 16.0                        | C 18.0  | 9.0                                 | C 15.0                                     |
| Jersey City, N. J.    | 318,770  | 71                           | 11.6                        | C 15.0  | 8.5                                 | C 9.8                                      |
| Kansas City, Mo.      | 313,785  | 116                          | 19.3                        | C 17.9  | 18.1                                | C 11.1                                     |
| Los Angeles, Calif.   | 568,495  | 175                          | 16.1                        | A 16.0  | 11.4                                | A 8.5                                      |
| Louisville, Ky.       | 242,707  | 73                           | 15.7                        | C 24.3  | 9.6                                 | C 5.3                                      |
| Lowell, Mass.         | 109,081  | 28                           | 13.4                        | A 19.4  | 7.1                                 | A 21.4                                     |
| Memphis, Tenn.        | 154,759  | 100                          | 33.7                        | C 24.6  | 16.0                                | C 11.0                                     |
| Milwaukee, Wis.       | 453,481  | 78                           | 9.0                         | A 13.3  | 15.4                                | C 21.7                                     |
| Minneapolis, Minn.    | 383,442  | 93                           | 12.6                        | C 11.3  | 10.8                                | C 8.4                                      |
| Nashville, Tenn.      | 119,215  | 37                           | 16.2                        | C 18.4  | 10.8                                | C 4.8                                      |
| Newark, N. J.         | 428,684  | 120                          | 14.6                        | C 16.7  | 15.0                                | C 12.4                                     |
| New Haven, Conn.      | 154,865  | 45                           | 15.2                        | C 19.5  | 8.9                                 | C 17.2                                     |
| New Orleans, La.      | 382,273  | 166                          | 22.6                        | A 21.3  | 10.2                                | A 11.2                                     |
| New York, N. Y.       | 5,215,879                                      | 1,461                        | 14.6                        | C 18.1  | 13.0                                | C 14.3                                     |
| Oakland, Calif.       | 214,206  | 56                           | 13.6                        | A 12.5  | 8.9                                 | C 12.7                                     |
| Omaha, Nebr.          | 180,264  | 32                           | 9.3                         | C 11.6  | 15.6                                | C 12.5                                     |
| Philadelphia, Pa.     | 1,761,371                                      | 548                          | 16.2                        | ( <sup>a</sup> ) 18.7   | 12.4                                | ( <sup>a</sup> ) 12.7                      |
| Pittsburgh, Pa.       | 593,303  | 173                          | 15.6                        | C 21.2  | 14.6                                | C 14.1                                     |
| Portland, Oreg.       |  | 68                           |                             |   | 13.2                                | C 13.6                                     |
| Providence, R. I.     | 263,613  | 78                           | 15.4                        | C 12.7  | 14.1                                | C 7.8                                      |
| Richmond, Va.         | 160,719  | 46                           | 14.9                        | C 17.2  | 8.7                                 | C 11.3                                     |
| Rochester, N. Y.      | 264,856  | 69                           | 13.6                        | C 17.7  | 8.7                                 | C 13.3                                     |
| St. Louis, Mo.        | 779,951  | 225                          | 15.0                        | C 17.0  | 8.0                                 | C 12.2                                     |
| St. Paul, Minn.       | 257,699  | 45                           | 9.1                         | C 10.7  | 13.3                                | C 15.1                                     |
| San Francisco, Calif. | 478,530  | 180                          | 19.6                        | C 16.5  | 6.1                                 | C 5.3                                      |
| Spokane, Wash.        |  | 25                           |                             |   | 8.0                                 | C 23.5                                     |
| Syracuse, N. Y.       | 161,404  | 42                           | 13.6                        | C 13.9  | 19.0                                | C 14.0                                     |
| Toledo, Ohio          | 262,234  | 58                           | 11.5                        | A 14.9  | 13.8                                | A 15.7                                     |
| Washington, D. C.     | 401,681  | 137                          | 17.8                        | A 17.4  | 13.9                                | A 8.3                                      |
| Worcester, Mass.      | 173,650  | 56                           | 16.8                        | C 19.2  | 16.1                                | C 10.9                                     |

<sup>1</sup> Annual rates per 1,000 estimated population.

<sup>2</sup> "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1917.

<sup>a</sup> Population estimated as of July 1, 1919.

\* Data are based on statistics of 1915, 1916, and 1917.

*Summary of information received by telegraph from industrial insurance companies for week ended Jan. 17, 1920.*

|  |            |
|--|------------|
| Policies in force.....                                     | 41,958,459 |
| Number of death claims.....                                | 8,564      |
| Death claims per 1,000 policies in force, annual rate..... | 10.6       |

# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.*

## UNITED STATES.

### CURRENT STATE SUMMARIES.

#### Telegraphic Reports for Week Ended Jan. 24, 1920.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

| ALABAMA.                           | Cases. | CONNECTICUT.              | Cases. |
|------------------------------------|--------|---------------------------|--------|
| Chicken pox.....                   | 28     | Cerebrospinal meningitis: |        |
| Diphtheria.....                    | 15     | Greenwich.....            | 1      |
| German measles.....                | 20     | Chicken pox.....          | 60     |
| Influenza.....                     | 8      | Diphtheria:               |        |
| Malaria.....                       | 3      | Bridgeport.....           | 20     |
| Measles.....                       | 25     | Hartford.....             | 8      |
| Mumps.....                         | 3      | New Britain.....          | 5      |
| Pneumonia (all forms).....         | 15     | New Haven.....            | 16     |
| Scarlet fever.....                 | 19     | New London.....           | 4      |
| Smallpox.....                      | 45     | Stonington.....           | 4      |
| Tuberculosis (pulmonary).....      | 25     | Stratford.....            | 5      |
| Typhoid fever.....                 | 11     | Wallingford.....          | 9      |
| Venereal diseases.....             | 101    | Waterbury.....            | 7      |
| Whooping cough.....                | 5      | Scattering.....           | 21     |
| ARKANSAS.                          |        |                           |        |
| Cerebrospinal meningitis.....      | 1      | Gonorrhea.....            | 30     |
| Chancroid.....                     | 7      | Influenza:                |        |
| Chicken pox.....                   | 71     | Bristol.....              | 8      |
| Diphtheria.....                    | 25     | Farmington.....           | 29     |
| Gonorrhcea.....                    | 30     | Greenwich.....            | 60     |
| Hookworm.....                      | 4      | Hartford.....             | 35     |
| Influenza.....                     | 179    | Manchester.....           | 22     |
| Malaria.....                       | 67     | Meriden.....              | 118    |
| Measles.....                       | 33     | Middletown (city).....    | 6      |
| Ophthalmia neonatorum.....         | 1      | Naugatuck.....            | 15     |
| Pellagra.....                      | 4      | New Britain.....          | 21     |
| Pneumonia.....                     | 20     | New Canaan.....           | 29     |
| Scarlet fever.....                 | 15     | New Haven.....            | 19     |
| Smallpox.....                      | 66     | New London.....           | 29     |
| Syphilis.....                      | 29     | Norwich (city).....       | 6      |
| Trachoma.....                      | 15     | Norwich (town).....       | 4      |
| Tuberculosis.....                  | 43     | Orange.....               | 5      |
| Typhoid fever.....                 | 10     | Portland.....             | 15     |
| Whooping cough.....                | 16     | Shelton.....              | 4      |
| CALIFORNIA.                        |        |                           |        |
| Cerebrospinal meningitis.....      | 3      | Stamford.....             | 4      |
| Influenza.....                     | 1,244  | Waterbury.....            | 674    |
| Poliomyelitis.....                 | 1      | Westport.....             | 5      |
| Smallpox:                          |        | Scattering.....           | 15     |
| Long Beach.....                    | 5      | Measles:                  |        |
| Los Angeles (city and county)..... | 21     | Ansonia.....              | 8      |
| San Francisco.....                 | 12     | Bridgeport.....           | 30     |
| Solano County.....                 | 5      | East Haven.....           | 24     |
| Ventura County.....                | 5      | Farmington.....           | 8      |
| Scattering.....                    | 41     | Hamden.....               | 12     |
| Typhoid fever.....                 | 11     | Jewett City.....          | 4      |
|                                    |        | Litchfield.....           | 5      |
|                                    |        | New Canaan.....           | 6      |
|                                    |        | New Haven.....            | 93     |

| CONNECTICUT—continued.               |     | Cases. | GEORGIA—continued.           |  | Cases. |
|--------------------------------------|-----|--------|------------------------------|--|--------|
| Measles—Continued.                   |     |        | Diphtheria                   |  | 12     |
| New London                           | 6   |        | Dysentery, bacillary         |  | 3      |
| New Milford                          | 6   |        | Gonorrhea                    |  | 71     |
| Newtown                              | 5   |        | Influenza                    |  | 95     |
| Norwich                              | 4   |        | Malaria                      |  | 20     |
| Orange                               | 4   |        | Measles                      |  | 39     |
| Shelton                              | 6   |        | Measles (German)             |  | 1      |
| Stamford (city)                      | 15  |        | Mumps                        |  | 8      |
| Stratford                            | 7   |        | Paratyphoid fever            |  | 1      |
| Waterbury                            | 8   |        | Pneumonia                    |  | 58     |
| West Hartford                        | 8   |        | Scarlet fever                |  | 15     |
| Measles (German)                     | 3   |        | Septic sore throat           |  | 1      |
| Mumps                                | 33  |        | Smallpox                     |  | 21     |
| Pneumonia                            | 74  |        | Syphilis                     |  | 34     |
| Scarlet fever:                       |     |        | Tuberculosis (pulmonary)     |  | 13     |
| Greenwich                            | 4   |        | Typhoid fever                |  | 7      |
| Hartford                             | 11  |        | Whooping cough               |  | 19     |
| Meriden (city)                       | 5   |        | INDIANA.                     |  |        |
| New Haven                            | 9   |        | Cerebrospinal meningitis:    |  |        |
| Waterbury                            | 23  |        | Huntington County            |  | 1      |
| Willimantic                          | 4   |        | Chancroid                    |  | 2      |
| Windsor                              | 4   |        | Diphtheria:                  |  |        |
| Scattering                           | 33  |        | Allen County                 |  | 4      |
| Septic sore throat                   | 2   |        | Delaware County              |  | 4      |
| Syphilis                             | 40  |        | Lake County                  |  | 41     |
| Trachoma:                            |     |        | Marion County                |  | 11     |
| Bristol                              | 1   |        | Scattering                   |  | 17     |
| Tuberculosis                         | 19  |        | Gonorrhea                    |  | 128    |
| Typhoid fever                        | 1   |        | Influenza:                   |  |        |
| Whooping cough                       | 67  |        | Allen County                 |  | 18     |
| DELAWARE.                            |     |        | Bartholomew County           |  | 21     |
| Chicken pox                          | 4   |        | Clay County                  |  | 13     |
| Diphtheria:                          |     |        | Crawford County              |  | 20     |
| Wilmington                           | 17  |        | Dearborn County              |  | 4      |
| Scattering                           | 2   |        | Decatur County               |  | 6      |
| Influenza:                           |     |        | Elkhart County               |  | 98     |
| Odessa                               | 4   |        | Fountain County              |  | 12     |
| Wilmington                           | 1   |        | Huntington County            |  | 71     |
| Measles                              | 108 |        | Jefferson County             |  | 8      |
| Mumps                                | 5   |        | Kosciusko County             |  | 12     |
| Ophthalmia (gonorrhreal), Middletown | 1   |        | Lagrange County              |  | 50     |
| Pneumonia                            | 6   |        | Lake County                  |  | 1,177  |
| Scarlet fever:                       |     |        | Marion County                |  | 77     |
| Odessa                               | 4   |        | Porter County                |  | 42     |
| Scattering                           | 5   |        | St. Joseph County (epidemic) |  | 5      |
| Smallpox:                            |     |        | Tippecanoe County            |  | 23     |
| Georgetown                           | 8   |        | Wabash County                |  | 9      |
| Milford                              | 1   |        | Wayne County                 |  | 29     |
| Tuberculosis                         | 2   |        | White County                 |  | 19     |
| Typhoid fever                        | 1   |        | Scattering                   |  |        |
| Whooping cough                       | 9   |        | Measles:                     |  |        |
|                                      |     |        | Bartholomew County           |  | 15     |
| FLORIDA.                             |     |        | Brown County                 |  | 5      |
| Cerebrospinal meningitis             | 4   |        | Daviess County               |  | 16     |
| Diphtheria                           | 16  |        | Dearborn County              |  | 10     |
| Dysentery                            | 11  |        | Grant County                 |  | 11     |
| Influenza                            | 484 |        | Hancock County               |  | 26     |
| Malaria                              | 37  |        | Henry County                 |  | 6      |
| Pneumonia                            | 108 |        | Jackson County               |  | 93     |
| Smallpox                             | 3   |        | Jay County                   |  | 13     |
| Typhoid fever                        | 10  |        | Jennings County              |  | 22     |
|                                      |     |        | Lake County                  |  | 4      |
| GEORGIA.                             |     |        | Marion County                |  | 20     |
| Anchylostomiasis                     | 41  |        | Rush County                  |  | 12     |
| Cerebrospinal meningitis             | 4   |        | Wabash County                |  | 28     |
| Chicken pox                          | 13  |        | Wayne County                 |  | 18     |
| Conjunctivitis                       | 1   |        | Scattering                   |  | 20     |

January 30, 1920.

## INDIANA—continued.

|                         |        |
|-------------------------|--------|
| Rabies in animals:      | Cases. |
| Marion County.....      | 1      |
| Scarlet fever:          |        |
| Adams County.....       | 6      |
| Allen County.....       | 6      |
| Boone County.....       | 6      |
| Carroll County.....     | 6      |
| Clinton County.....     | 5      |
| Daviess County.....     | 10     |
| Delaware County.....    | 4      |
| Elkhart County.....     | 21     |
| Hendricks County.....   | 4      |
| Huntington County.....  | 5      |
| LaGrange County.....    | 6      |
| Lake County.....        | 12     |
| Marion County.....      | 26     |
| Ripley County.....      | 5      |
| Rush County.....        | 5      |
| St. Joseph County.....  | 7      |
| Tippecanoe County.....  | 14     |
| Vigo County.....        | 5      |
| Wabash County.....      | 4      |
| Scattering.....         | 28     |
| Smallpox:               |        |
| Bartholomew County..... | 5      |
| Dearborn County.....    | 6      |
| Fountain County.....    | 5      |
| Howard County.....      | 31     |
| Jackson County.....     | 14     |
| Lake County.....        | 23     |
| Marion County.....      | 8      |
| Miami County.....       | 6      |
| St. Joseph County.....  | 5      |
| Scattering.....         | 22     |
| Syphilis.....           | 92     |
| Typhoid fever.....      | 8      |
| IOWA.                   |        |
| Chancroid.....          | 2      |
| Chicken pox.....        | 2      |
| Diphtheria:             |        |
| Cedar Rapids.....       | 8      |
| Fremont County.....     | 7      |
| Scattering.....         | 13     |
| Gonorrhcea.....         | 75     |
| Influenza:              |        |
| Appanoose County.....   | 16     |
| Blockton.....           | 17     |
| Boone.....              | 4      |
| Boyden.....             | 10     |
| Brooklyn.....           | 21     |
| Burlington.....         | 23     |
| Carroll.....            | 12     |
| Casey.....              | 28     |
| Cedar Falls.....        | 23     |
| Cedar Rapids.....       | 16     |
| Clay County.....        | 6      |
| Davenport.....          | 92     |
| Des Moines.....         | 13     |
| Eagle Grove.....        | 17     |
| Goldfield.....          | 18     |
| Hamilton County.....    | 14     |
| Indianola.....          | 53     |
| Iowa County.....        | 7      |
| Iowa Falls.....         | 6      |
| Jasper County.....      | 4      |

## IOWA—continued.

|                               |        |
|-------------------------------|--------|
| Influenza—Continued.          | Cases. |
| Jewell.....                   | 24     |
| Kensett.....                  | 18     |
| Keokuk.....                   | 7      |
| Lamoni.....                   | 4      |
| Marion County.....            | 10     |
| Moulton.....                  | 4      |
| Newton.....                   | 4      |
| Pella.....                    | 10     |
| Sheffield.....                | 15     |
| Shelby.....                   | 6      |
| Stacyville.....               | 7      |
| Stanhope.....                 | 11     |
| Story City.....               | 7      |
| Van Buren County.....         | 19     |
| Vinton.....                   | 15     |
| Wapello County.....           | 7      |
| Wayne County.....             | 25     |
| Worth County.....             | 10     |
| Scattering.....               | 41     |
| Measles:                      |        |
| Boone.....                    | 15     |
| Eagle Grove.....              | 1      |
| Mason City.....               | 23     |
| Mumps.....                    | 3      |
| Scarlet fever:                |        |
| Atlantic.....                 | 6      |
| Burlington.....               | 5      |
| Chickasaw County.....         | 4      |
| Des Moines.....               | 6      |
| Lyon County.....              | 4      |
| Scattering.....               | 19     |
| Smallpox:                     |        |
| Davenport.....                | 27     |
| Dickinson County.....         | 5      |
| Dubuque.....                  | 5      |
| Grundy County.....            | 7      |
| Lyon County.....              | 4      |
| Mason City.....               | 9      |
| Mills County.....             | 6      |
| Scattering.....               | 17     |
| Syphilis.....                 | 29     |
| KANSAS.                       |        |
| Diphtheria.....               | 59     |
| Influenza.....                | 1,130  |
| Scarlet fever.....            | 84     |
| Smallpox.....                 | 114    |
| LOUISIANA.                    |        |
| Cerebrospinal meningitis..... | 5      |
| Chancroid.....                | 6      |
| Diphtheria.....               | 10     |
| Gonorrhcea.....               | 59     |
| Influenza.....                | 123    |
| Pneumonia (all forms).....    | 10     |
| Scarlet fever.....            | 11     |
| Smallpox.....                 | 17     |
| Syphilis.....                 | 20     |
| MAINE.                        |        |
| Chancroid.....                | 3      |
| Chickenpox.....               | 6      |
| Conjunctivitis:               |        |
| Portland.....                 | 2      |
| Diphtheria.....               | 11     |

| MAINE—continued.                  |    | Cases. | NEBRASKA—continued.                |                                    | Cases. |
|-----------------------------------|----|--------|------------------------------------|------------------------------------|--------|
| Gonorrhea.....                    | 22 |        | Measles:                           | Lincoln.....                       | 1      |
| Measles.....                      | 4  |        |                                    | Omaha.....                         | 4      |
| Mumps.....                        | 15 |        | Mumps.....                         |                                    | 1      |
| Pneumonia:                        |    |        | Scarlet fever:                     |                                    |        |
| Kittery.....                      | 4  |        | Neligh.....                        |                                    | 12     |
| Scattering.....                   | 3  |        | Omaha.....                         |                                    | 44     |
| Scarlet fever:                    |    |        | Page.....                          |                                    | 4      |
| Augusta.....                      | 5  |        | Rulo.....                          |                                    | 4      |
| Portland.....                     | 8  |        | Scattering.....                    |                                    | 10     |
| Scattering.....                   | 14 |        | Smallpox:                          |                                    |        |
| Smallpox:                         |    |        | Alliance.....                      |                                    | 14     |
| Jay.....                          | 4  |        | Elgin.....                         |                                    | 5      |
| Lewiston.....                     | 5  |        | Lincoln.....                       |                                    | 12     |
| St. Albans.....                   | 5  |        | Nebraska City.....                 |                                    | 7      |
| Scattering.....                   | 7  |        | Omaha.....                         |                                    | 21     |
| Syphilis.....                     | 8  |        | Ruskin.....                        |                                    | 5      |
| Tuberculosis.....                 | 18 |        | York.....                          |                                    | 8      |
| Typhoid fever.....                | 6  |        | Scattering.....                    |                                    | 20     |
| Whooping cough.....               | 10 |        | Trachoma.....                      |                                    | 1      |
| MINNESOTA.                        |    |        |                                    |                                    |        |
| Cerebrospinal meningitis.....     | 1  |        | NEW JERSEY.                        |                                    |        |
| Chancroid.....                    | 5  |        | Diphtheria:                        | Unusual prevalence at South Amboy. |        |
| Gonorrhea.....                    | 97 |        | Influenza.....                     |                                    | 753    |
| Smallpox:                         |    |        | Pneumonia.....                     |                                    | 346    |
| Crow Wing County—Crosby.....      | 11 |        | Scarlet fever:                     |                                    |        |
| Meeker County—Forest Prairie..... | 5  |        | Unusual prevalence at South Amboy. |                                    |        |
| Todd County—Grey Eagle.....       | 7  |        | NEW MEXICO.                        |                                    |        |
| Scattering.....                   | 17 |        | Cerebrospinal meningitis.....      |                                    | 1      |
| Syphilis.....                     | 60 |        | Chancroid.....                     |                                    | 1      |
| MONTANA.                          |    |        | Chicken pox.....                   |                                    | 17     |
| Cerebrospinal meningitis.....     | 1  |        | Diphtheria:                        |                                    |        |
| Diphtheria.....                   | 1  |        | Arroyo Hondo.....                  |                                    | 4      |
| Influenza:                        |    |        | Scattering.....                    |                                    | 6      |
| Bozeman.....                      | 5  |        | Gonorrhea.....                     |                                    | 9      |
| Gallatin County.....              | 9  |        | Influenza:                         |                                    |        |
| Great Falls.....                  | 6  |        | Portales.....                      |                                    | 6      |
| Missoula.....                     | 4  |        | Taos.....                          |                                    | 23     |
| Musselshell County.....           | 6  |        | Scattering.....                    |                                    | 32     |
| Wheatland County.....             | 7  |        | Malaria.....                       |                                    | 1      |
| Scattering.....                   | 8  |        | Measles.....                       |                                    | 51     |
| Pneumonia.....                    | 8  |        | Measles (German).....              |                                    | 1      |
| Scarlet fever.....                | 43 |        | Mumps.....                         |                                    | 28     |
| Smallpox.....                     | 30 |        | Pneumonia.....                     |                                    | 14     |
| Typhoid fever.....                | 3  |        | Scarlet fever.....                 |                                    | 12     |
| NEBRASKA.                         |    |        | Septic sore throat.....            |                                    | 1      |
| Cerebrospinal meningitis:         |    |        | Smallpox:                          |                                    |        |
| Crete.....                        | 1  |        | Hurley.....                        |                                    | 7      |
| Chicken pox.....                  | 9  |        | Scattering.....                    |                                    | 17     |
| Diphtheria:                       |    |        | Syphilis.....                      |                                    | 5      |
| Omaha.....                        | 4  |        | Tuberculosis.....                  |                                    | 24     |
| Scattering.....                   | 3  |        | Typhoid fever.....                 |                                    | 1      |
| Influenza:                        |    |        | NEW YORK.                          |                                    |        |
| Bigspring.....                    | 4  |        | (Exclusive of New York City.)      |                                    |        |
| Bloomfield.....                   | 4  |        | Anthrax:                           |                                    |        |
| Crete.....                        | 4  |        | Endicott.....                      |                                    | 1      |
| Gresham.....                      | 14 |        | Cerebrospinal meningitis:          |                                    |        |
| Henry.....                        | 13 |        | East Syracuse.....                 |                                    | 1      |
| Holdrege.....                     | 8  |        | Newburgh.....                      |                                    | 1      |
| Lawrence.....                     | 10 |        | Owasco.....                        |                                    | 1      |
| Lincoln.....                      | 9  |        | Rochester.....                     |                                    | 1      |
| Neligh.....                       | 5  |        | White Plains.....                  |                                    | 1      |
| Omaha.....                        | 71 |        | Diphtheria.....                    |                                    | 234    |
| Papillion.....                    | 4  |        | Gonorrhea.....                     |                                    | 64     |

January 30, 1920.

## NEW YORK—continued.

|                     | Cases. |
|---------------------|--------|
| Influenza.....      | 555    |
| Measles.....        | 755    |
| Pneumonia.....      | 255    |
| Scarlet fever.....  | 249    |
| Smallpox:           |        |
| Oakfield.....       | 4      |
| Scattering.....     | 4      |
| Syphilis.....       | 120    |
| Typhoid fever.....  | 10     |
| Whooping cough..... | 256    |

## NORTH CAROLINA.

|                               |     |
|-------------------------------|-----|
| Cerebrospinal meningitis..... | 3   |
| Chancroid.....                | 10  |
| Chicken pox.....              | 100 |
| Diphtheria.....               | 57  |
| Gonorrhea.....                | 110 |
| Measles.....                  | 98  |
| Measles (German).....         | 2   |
| Pneumonia (all forms).....    | 109 |
| Poliomyelitis.....            | 1   |
| Scarlet fever.....            | 50  |
| Septic sore throat.....       | 3   |
| Smallpox.....                 | 159 |
| Syphilis.....                 | 42  |
| Typhoid fever.....            | 11  |
| Whooping cough.....           | 131 |

## OHIO.

|                 |     |
|-----------------|-----|
| Diphtheria:     |     |
| Cincinnati..... | 15  |
| Scarlet fever:  |     |
| Akron.....      | 109 |
| Cincinnati..... | 61  |
| Youngstown..... | 18  |
| Smallpox:       |     |
| Bucyrus.....    | 9   |

## VERMONT.

|                               |     |
|-------------------------------|-----|
| Cerebrospinal meningitis..... | 1   |
| Chicken pox.....              | 41  |
| Diphtheria.....               | 4   |
| Gonorrhea.....                | 8   |
| Influenza.....                | 25  |
| Measles.....                  | 114 |
| Mumps.....                    | 147 |
| Pneumonia.....                | 12  |
| Scarlet fever.....            | 28  |
| Syphilis.....                 | 5   |
| Typhoid fever.....            | 2   |
| Whooping cough.....           | 81  |

## WASHINGTON.

|                       |     |
|-----------------------|-----|
| Chicken pox.....      | 110 |
| Diphtheria.....       | 34  |
| Influenza.....        | 12  |
| Measles.....          | 273 |
| Measles (German)..... | 4   |

## WASHINGTON—continued.

|                     | Cases. |
|---------------------|--------|
| Mumps.....          | 44     |
| Pneumonia.....      | 5      |
| Scarlet fever.....  | 62     |
| Smallpox.....       | 228    |
| Tuberculosis.....   | 1      |
| Typhoid fever.....  | 5      |
| Whooping cough..... | 90     |

## WEST VIRGINIA.

|                           |    |
|---------------------------|----|
| Cerebrospinal meningitis: |    |
| Bluefield.....            | 1  |
| Diphtheria:               |    |
| Charleston.....           | 8  |
| Fairmont.....             | 4  |
| Martinsburg.....          | 6  |
| Scattering.....           | 11 |
| Measles:                  |    |
| Wheeling.....             | 6  |
| Scattering.....           | 5  |
| Scarlet fever:            |    |
| Huntington.....           | 4  |
| Scattering.....           | 10 |
| Smallpox:                 |    |
| Bluefield.....            | 13 |
| Huntington.....           | 5  |
| Scattering.....           | 4  |
| Typhoid fever:            |    |
| Hinton.....               | 6  |
| Weston.....               | 3  |

## WISCONSIN.

|                                 |       |
|---------------------------------|-------|
| Milwaukee:                      |       |
| Cerebrospinal meningitis.....   | 1     |
| Chicken pox.....                | 23    |
| Diphtheria.....                 | 30    |
| Erysipelas.....                 | 5     |
| Influenza.....                  | 1,061 |
| Measles.....                    | 46    |
| Scarlet fever.....              | 21    |
| Smallpox.....                   | 5     |
| Tuberculosis.....               | 16    |
| Whooping cough.....             | 39    |
| State (exclusive of Milwaukee): |       |
| Chicken pox.....                | 96    |
| Diphtheria.....                 | 39    |
| Erysipelas.....                 | 4     |
| Influenza.....                  | 883   |
| Measles.....                    | 83    |
| Scarlet fever.....              | 151   |
| Smallpox.....                   | 226   |
| Tuberculosis.....               | 12    |
| Typhoid fever.....              | 3     |
| Whooping cough.....             | 91    |
| Ent re State:                   |       |
| Chancroid.....                  | 2     |
| Gonorrhea.....                  | 56    |
| Syphilis.....                   | 34    |

## Kentucky Report for Week Ended Jan. 10, 1920.

|                                  | Cases. | Cases.                           |    |
|----------------------------------|--------|----------------------------------|----|
| Bronchitis.....                  | 9      | Mumps.....                       | 8  |
| Chancroid.....                   | 1      | Ophthalmia neonatorum .....      | 3  |
| Chicken pox:                     |        | Pneumonia:                       |    |
| Lawrence County.....             | 4      | Allen County.....                | 4  |
| McCracken County—Paducah.....    | 7      | Grayson County.....              | 4  |
| Union County—Morganfield.....    | 6      | Greenup County.....              | 4  |
| Scattering.....                  | 19     | Jefferson County—Louisville..... | 10 |
| Diphtheria:                      |        | Knox County.....                 | 4  |
| Jefferson County—Louisville..... | 28     | Larue County.....                | 8  |
| Kenton County.....               | 5      | Marion County.....               | 9  |
| Scattering.....                  | 21     | Scattering.....                  | 58 |
| Erysipelas.....                  | 3      | Scarlet fever:                   |    |
| Gonorrhea.....                   | 32     | Jefferson County—Louisville..... | 4  |
| Influenza:                       |        | Kenton County.....               | 5  |
| Bell County.....                 | 6      | Scattering.....                  | 21 |
| Greenup County.....              | 8      | Septic sore throat .....         | 6  |
| Hardin County.....               | 4      | Smallpox:                        |    |
| Taylor County.....               | 4      | Johnson County.....              | 12 |
| Union County—Morganfield.....    | 4      | Scattering.....                  | 16 |
| Scattering.....                  | 19     | Syphilis.....                    | 9  |
| Measles:                         |        | Tonsillitis.....                 | 5  |
| Campbell County—Newport.....     | 4      | Trachoma:                        |    |
| Clark County.....                | 9      | Greenup County.....              | 15 |
| Cumberland County.....           | 10     | Scattering.....                  | 3  |
| Graves County.....               | 41     | Tuberculosis.....                | 24 |
| Kenton County.....               | 30     | Typhoid fever:                   |    |
| Marion County.....               | 11     | Anderson County.....             | 5  |
| Russell County.....              | 10     | Mason County.....                | 4  |
| Washington County.....           | 18     | Scattering.....                  | 18 |
| Scattering.....                  | 17     | Whooping cough.....              | 56 |

## Kentucky Report for Week Ended Jan. 17, 1920.

|                                  | Cases. | Cases.                           |    |
|----------------------------------|--------|----------------------------------|----|
| Cerebrospinal meningitis:        |        | Mumps.....                       | 15 |
| Jefferson County—Louisville..... | 2      | Ophthalmia neonatorum:           |    |
| Chicken pox .....                | 42     | Hardin County.....               | 1  |
| Diphtheria:                      |        | Pneumonia:                       |    |
| Jefferson County—Louisville..... | 6      | Breckenridge County.....         | 18 |
| Kenton County.....               | 5      | Butler County.....               | 7  |
| Scattering.....                  | 20     | Graves County.....               | 5  |
| Dysentery.....                   | 1      | Green County.....                | 6  |
| Erysipelas.....                  | 4      | Hardin County.....               | 16 |
| Influenza:                       |        | Harrison County.....             | 4  |
| Barren County.....               | 4      | Jefferson County—Louisville..... | 5  |
| Breckenridge County.....         | 5      | Lawrence County.....             | 4  |
| Butler County.....               | 15     | Lewis County.....                | 6  |
| Fulton County.....               | 4      | Lincoln County.....              | 4  |
| Graves County.....               | 4      | Livingston County.....           | 5  |
| Hardin County.....               | 10     | Monroe County.....               | 6  |
| Jefferson County—Louisville..... | 4      | Nelson County.....               | 6  |
| Monroe County.....               | 5      | Pike County.....                 | 4  |
| Pendleton County.....            | 4      | Scattering.....                  | 33 |
| Scattering.....                  | 20     | Poliomyelitis:                   |    |
| Malaria.....                     | 1      | Jefferson County—Louisville..... | 1  |
| Measles:                         |        | Scarlet fever:                   |    |
| Bourbon County.....              | 4      | Jefferson County—Louisville..... | 12 |
| Campbell County.....             | 4      | Nicholas County—Carlisle.....    | 7  |
| Newport.....                     | 7      | Scattering.....                  | 20 |
| Clark County.....                | 5      | Septic sore throat .....         | 7  |
| Clinton County.....              | 4      | Smallpox:                        |    |
| Cumberland County.....           | 7      | Caldwell County.....             | 12 |
| Graves County.....               | 48     | Lincoln County.....              | 7  |
| Kenton County.....               | 20     | Scattering.....                  | 18 |
| McCracken County—Paducah.....    | 5      | Syphilis.....                    | 1  |
| Marion County—Lebanon.....       | 5      | Tonsillitis.....                 | 2  |
| Scott County.....                | 11     |                                  |    |
| Scattering.....                  | 10     |                                  |    |

January 30, 1920.

|                                  |           |  |  |  |  |  |                               |    |
|----------------------------------|-----------|--|--|--|--|--|-------------------------------|----|
| <b>Trachoma:</b>                 |           |  |  |  |  |  | <b>Typhoid fever:</b>         |    |
| Fayette County.....              | 58        |  |  |  |  |  | Mason County—Maysville.....   | 8  |
| Jefferson County—Louisville..... | 5         |  |  |  |  |  | Nicholas County—Carlisle..... | 5  |
| Pike County.....                 | 10        |  |  |  |  |  | Scattering.....               | 17 |
| Scattering.....                  | 3         |  |  |  |  |  | Whooping cough.....           | 23 |
| <b>Tuberculosis.....</b>         | <b>27</b> |  |  |  |  |  |                               |    |

**SUMMARY OF CASES REPORTED MONTHLY BY STATES.**

Tables showing, by counties, the reported cases of cerebrospinal meningitis, malaria, pellagra, poliomyelitis, smallpox, and typhoid fever are published under the names of these diseases. (See names of these and other diseases in the table of contents.)

The following monthly State reports include only those which were received during the current week. These reports appear each week as received.

| State,                         | Cerebro-spinal menin-gitis. | Diph-theria. | Malaria. | Measles. | Pel-lagra. | Poliomye-litis. | Scarlet fever. | Small-pox. | Ty-phoid fever. |
|--------------------------------|-----------------------------|--------------|----------|----------|------------|-----------------|----------------|------------|-----------------|
| <b>1919.</b>                   |                             |              |          |          |            |                 |                |            |                 |
| Arkansas (December).....       | 3                           | 144          | 404      | 21       | 28         | .....           | 132            | 65         | 74              |
| Connecticut (December).....    | 3                           | 504          | .....    | 716      | .....      | 1               | 493            | 5          | 16              |
| Indiana (December).....        | 5                           | 304          | .....    | 659      | .....      | 2               | 683            | 513        | 74              |
| Kansas (December).....         | 7                           | 345          | .....    | 78       | 1          | 1               | 504            | 228        | 33              |
| Louisiana (December).....      | 5                           | 95           | 205      | 30       | 7          | 1               | 28             | 14         | 73              |
| Michigan (December).....       | 1,035                       | .....        | 2,216    | .....    | 2          | 1,027           | 257            | 94         |                 |
| Minnesota (November).....      | 5                           | 576          | 1        | 227      | .....      | 3               | 190            | 228        | 53              |
| New Jersey (December).....     | 12                          | 953          | 2        | 1,037    | .....      | 3               | 534            | 3          | 52              |
| New York (December).....       | 32                          | 2,961        | .....    | 5,256    | .....      | 7               | 1,599          | 31         | 125             |
| North Carolina (December)..... | 11                          | 394          | .....    | 140      | .....      | 2               | 229            | 203        | 74              |
| Rhode Island (December).....   | 3                           | 162          | .....    | 23       | .....      |                 | 151            | 1          | 2               |
| South Carolina (December)..... | 1                           | 203          | 23       | 1        | .....      |                 | 11             | 35         | 13              |
| Washington (December)....      | 1                           | 117          | .....    | 198      | .....      |                 | 208            | 795        | 52              |

**RECIPROCAL NOTIFICATION.****Minnesota—November, 1919.**

*Cases of communicable diseases referred during November, 1919, to other State health departments by department of health of the State of Minnesota.*

| Disease and locality of notification.                    | Referred to health authority of—   | Why referred.  |
|--|--|--|
| Diphtheria—Rochester, Olmsted County.                    | Deer Park, St. Croix County, Wis. ....   | Patient infected with virulent diphtheria bacilli left Minnesota for Wisconsin.                              |
| Tuberculosis:<br>Mayo Clinic, Rochester, Olmsted County. | Tallahassee, Leon County, Fla.; Peoria, Tazewell County, Ill.; Sterling, Whiteside County, Ill.; Edinburg, Christian County Ill.; Rock Island, Rock Island County, Ill.; Danville, Vermilion County, Ill.; Rosedale, Parke County, Ind.; Wapello, Louisa County, Iowa; Iowa Falls, Hardin County, Iowa; Riverton, Fremont County, Iowa; Clarinda, Page County, Iowa; Perry, Dallas County, Iowa; Lake Mills, Winnebago County, Iowa; Ottawa, Franklin County, Kans.; East Tawas, Iosco County, Mich.; Springfield, Greene County, Mo.; Poplar, Sheridan County, Mont.; Fairmount, Richland County, N. Dak.; Tulsa, Tulsa County, Okla.; Baker City, Baker County, Oreg.; Sioux Falls, Minnehaha County, S. Dak.; Sulphur, Meade County, S. Dak.; Seneca, Faulk County, S. Dak.; Pierpont, Day County, S. Dak.; Darlington, Lafayette County, Wis.; Plover, Portage County, Wis.; Cheyenne, Laramie County, Wyo.; Medicine Hat, Alberta, Canada; Brandon, Manitoba, Canada; Kinsack, Saskatchewan, Canada; Admiral, Saskatchewan, Canada. | 10 advanced, 18 moderately advanced, 1 incipient, 2 (stage of disease not given) left Mayo Clinic for homes. |

## RECIPROCAL NOTIFICATION—Continued.

## Minnesota—November, 1919—Continued.

*Cases of communicable diseases referred during November, 1919, to other State health departments by department of health of the State of Minnesota—Continued.*

| Disease and locality of notification.  | Referred to health authority of—  | Why referred.   |
|--|---|---|
| Tuberculosis—Continued.<br>Pokegama Sanatorium, Pine County.<br>Thomas Hospital, Minneapolis, Hennepin County. | Detroit, Wayne County, Mich.; Grand Forks, Grand Forks County, N. Dak.; Elkader, Clayton County, Iowa; Scarville, Winnebago County, Iowa; Hoople, Walsh County, N. Dak.; Enderlin, Ransom County, N. Dak.; Clayton, Polk County, Wis. | 2 open cases left the sanatorium for their homes.<br>2 open cases left the hospital for their homes; 3 fatal cases removed to their homes.                                |
| Typhoid fever:<br>Duluth Clinic, St. Louis County.<br>Two Harbors Clinic, Lake County.                         | Isle Royal, Mich.....<br>Sault Ste. Marie, Mich., United States Public Health Service.  | Lived at Isle Royal 3 weeks previous to first symptoms.<br>Employed on Great Lakes steamer 3 weeks previous to first symptoms. Got milk supply at Sault Ste. Marie, Mich. |
| Minneapolis Health Department, Hennepin County.  | Granville, McHenry County, N. Dak.  | Lived at Granville, N. Dak., 3 weeks previous to first symptoms.  |
| Rochester, Olmsted County....  | Beloit, Rock County, Wis.....   | Employed at Beloit, Wis., 3 weeks previous to first symptoms.   |
| Warroad, Roseau County.....  | Wampum, Manitoba, Canada.....   | Canadian case attended by a Minnesota physician.  |

## ANTHRAX.

## Newark, N. J., and Philadelphia, Pa., Week Ended Jan. 10, 1920.

During the week ended January 10, 1920, one case of anthrax was reported in Newark, N. J., and one case and one death in Philadelphia, Pa.

## CEREBROSPINAL MENINGITIS.

## State Reports for November and December, 1919.

| Place.  | New cases reported.   | Place.  | New cases reported.                       |
|---|-----------------------|---|---|
| Arkansas (December):<br>Cleburne County.....<br>Prairie County.....   | 2<br>1                | Kansas (December)—Continued.<br>Shawnee County—<br>Melvern.....<br>Wyandotte County—<br>Kansas City.....  | 1<br>1                                    |
| Total.....  | 3                     | Total.....  | 7   |
| Connecticut (December):<br>New Haven County—<br>New Haven.....<br>Waterbury.....  | 1<br>2                | Louisiana (December):<br>Caddo Parish.....<br>Jefferson Davis Parish.....<br>Rapides Parish.....<br>Vermilion Parish.....   | 1<br>1<br>2<br>1                          |
| Total.....  | 3                     | Total.....  | 5   |
| Indiana (December):<br>Allen County.....<br>Daviess County.....<br>Lake County.....<br>Perry County.....                                  | 1<br>2<br>1<br>1      | Minnesota (November):<br>Becker County—<br>Lake Park Township.....<br>Faribault County—<br>Elmore.....<br>Pipestone County—<br>Jasper.....<br>Ramsey County—<br>St. Paul.....<br>St. Louis County—<br>Duluth..... | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 |
| Total.....  | 5                     | Total.....  | 5   |
| Kansas (December):<br>Cherokee County—<br>Galena.....<br>Kingman County—<br>Norwich.....<br>Lyon County—<br>Americus.....<br>Emporia..... | 1<br>1<br>1<br>1<br>2 |   |   |

## CEREBROSPINAL MENINGITIS—Continued.

## State Reports for November and December, 1919—Continued.

| Place.                        | New cases reported. | Place.                            | New cases reported. |
|-------------------------------|---------------------|-----------------------------------|---------------------|
| <b>New Jersey (December):</b> |                     | <b>North Carolina (December):</b> |                     |
| Burlington County.....        | 1                   | Bladen County.....                | 1                   |
| Essex County.....             | 6                   | Clay County.....                  | 1                   |
| Hudson County.....            | 4                   | Duplin County.....                | 1                   |
| Mercer County.....            | 1                   | Durham County.....                | 2                   |
| Total.....                    | 12                  | Gaston County.....                | 1                   |
| <b>New York (December):</b>   |                     | Guilford County.....              | 1                   |
| Chautauqua County—            |                     | Madison County.....               | 1                   |
| Fredonia.....                 | 1                   | Martin County.....                | 1                   |
| Erie County—                  |                     | Perquimans County.....            | 1                   |
| Buffalo.....                  | 4                   | Randolph County.....              | 1                   |
| Orange County—                |                     | Total.....                        | 11                  |
| Highland Falls.....           | 1                   | <b>Rhode Island (December):</b>   |                     |
| Schenectady County—           |                     | Bristol County—                   |                     |
| Schenectady.....              | 1                   | Warren.....                       | 1                   |
| Tioga County—                 |                     | Providence County—                |                     |
| Waverly.....                  | 1                   | Providence.....                   | 2                   |
| Washington County—            |                     | Total.....                        | 3                   |
| Greenwich Township.....       | 1                   | <b>South Carolina (December):</b> |                     |
| Westchester County—           |                     | Greenville County.....            | 1                   |
| Mount Vernon.....             | 1                   | <b>Washington (December):</b>     |                     |
| New Rochelle.....             | 1                   | Spokane County—                   |                     |
| Yonkers.....                  | 2                   | Spokane.....                      | 1                   |
| Ossining Township.....        | 1                   | Total.....                        |                     |
| New York City.....            | 18                  |                                   |                     |
| Total.....                    | 32                  |                                   |                     |

## City Reports for Week Ended Jan. 10, 1920.

| Place.                  | Cases. | Deaths. | Place.                    | Cases. | Deaths. |
|-------------------------|--------|---------|---------------------------|--------|---------|
| Akron, Ohio.....        | 1      | .....   | Milwaukee, Wis.....       | 3      | 2       |
| Appleton, Wis.....      | 1      | .....   | Minneapolis, Minn.....    | 1      | 1       |
| Atlanta, Ga.....        | 1      | .....   | Newark, N. J.....         | 1      | 3       |
| Baltimore, Md.....      | 1      | .....   | New York, N. Y.....       | 11     | 5       |
| Boston, Mass.....       | 1      | 1       | Paterson, N. J.....       | 1      | .....   |
| Boulder, Colo.....      | 1      | 1       | Pittsburgh, Pa.....       | 1      | .....   |
| Chicago, Ill.....       | 1      | .....   | Port Huron, Mich.....     | 1      | .....   |
| Cleveland, Ohio.....    | 1      | .....   | Quincy, Mass.....         | 1      | .....   |
| Detroit, Mich.....      | 1      | 2       | Riverside, Calif.....     | 1      | .....   |
| Kansas City, Kans.....  | 1      | .....   | St. Louis, Mo.....        | 1      | 1       |
| Keene, N. H.....        | 1      | 1       | Salt Lake City, Utah..... | 1      | 1       |
| Los Angeles, Calif..... | 1      | .....   | Savannah, Ga.....         | 2      | 1       |
| Lowell, Mass.....       | 2      | 2       | Stockton, Calif.....      | 1      | 1       |
| Memphis, Tenn.....      | 1      | .....   |                           |        |         |

## DIPHTHERIA.

See Telegraphic weekly reports from States, p. 229; Monthly summaries by States p. 235; and Weekly reports from cities, p. 254.

INFLUENZA.<sup>1</sup>

## City Reports for Week Ended Jan. 10, 1920.

| Place.                | Cases. | Deaths. | Place.                 | Cases. | Deaths. |
|-----------------------|--------|---------|------------------------|--------|---------|
| Akron, Ohio.....      | 2      | .....   | Birmingham, Ala.....   | .....  | 2       |
| Alexandria, Va.....   | 1      | .....   | Boston, Mass.....      | 27     | 1       |
| Anaconda, Mont.....   | 2      | .....   | Brunswick, Ga.....     | 2      | .....   |
| Anniston, Ala.....    | 1      | .....   | Buffalo, N. Y.....     | 2      | .....   |
| Ansonia, Conn.....    | 1      | .....   | Cambridge, Mass.....   | 1      | .....   |
| Atlanta, Ga.....      | 2      | 2       | Camden, N. J.....      | 1      | .....   |
| Baltimore, Md.....    | 12     | .....   | Charleston, W. Va..... | 1      | .....   |
| Bayonne, N. J.....    | 1      | .....   | Charlotte, N. C.....   | 1      | .....   |
| Belleville, N. J..... | 3      | .....   | Chicago, Ill.....      | 65     | 13      |
| Binghamton, N. Y..... | 3      | .....   | Cincinnati, Ohio.....  | 8      | 9       |

<sup>1</sup>See State reports, p. 215.

## INFLUENZA—Continued.

## City Reports for Week Ended January 10, 1920—Continued.

| Place.              | Cases. | Deaths. | Place.                  | Cases. | Deaths. |
|---------------------|--------|---------|-------------------------|--------|---------|
| Cleveland, Ohio.    | 7      | 2       | Mobile, Ala.            | .....  | 1       |
| Columbus, Ohio.     | 1      | 3       | Morgantown, W. Va.      | 2      | .....   |
| Covington, Ky.      | 1      | .....   | Newark, N. J.           | 11     | .....   |
| Cumberland, Md.     | 1      | .....   | New Orleans, La.        | 5      | 3       |
| Dallas, Tex.        | 23     | .....   | Newton, Mass.           | 1      | .....   |
| Denver, Colo.       | .....  | 1       | New York, N. Y.         | 100    | 12      |
| Des Moines, Iowa.   | 10     | 1       | Northampton, Mass.      | 1      | .....   |
| Detroit, Mich.      | .....  | 1       | Oakland, Calif.         | 2      | .....   |
| East Orange, N. J.  | 2      | .....   | Oklahoma City, Okla.    | 7      | .....   |
| Elgin, Ill.         | 1      | .....   | Paterson, N. J.         | 1      | .....   |
| Everett, Mass.      | 2      | .....   | Philadelphia, Pa.       | 1      | 2       |
| Gary, Ind.          | 21     | 1       | Portland, Me.           | 2      | .....   |
| Grand Rapids, Mich. | 3      | .....   | Quincy, Mass.           | 1      | 1       |
| Hackensack, N. J.   | 1      | .....   | Richmond, Va.           | 6      | 1       |
| Harrison, N. J.     | 1      | .....   | Roanoke, Va.            | 2      | .....   |
| Haverhill, Mass.    | 2      | .....   | Rochester, N. Y.        | 3      | .....   |
| Holland, Mich.      | 1      | .....   | Salem, Oreg.            | 1      | .....   |
| Indianapolis, Ind.  | .....  | 2       | San Francisco, Calif.   | .....  | 3       |
| Jamestown, N. Y.    | 1      | .....   | Saratoga Springs, N. Y. | 4      | .....   |
| Jersey City, N. J.  | 1      | .....   | Savannah, Ga.           | 2      | .....   |
| Kearny, N. J.       | 3      | .....   | Staunton, Va.           | 1      | .....   |
| Keene, N. H.        | 1      | .....   | Stockton, Calif.        | 2      | .....   |
| Little Rock, Ark.   | 9      | .....   | Toledo, Ohio.           | .....  | 1       |
| Lorain, Ohio.       | 1      | .....   | Topeka, Kans.           | 1      | .....   |
| Los Angeles, Calif. | 3      | 1       | Trenton, N. J.          | 5      | .....   |
| Louisville, Ky.     | 1      | .....   | Washington, D. C.       | 9      | .....   |
| Macon, Ga.          | 1      | 1       | Wheeling, W. Va.        | .....  | 1       |
| Middletown, N. Y.   | 3      | .....   | Wilmington, N. C.       | 1      | .....   |
| Milwaukee, Wis.     | 91     | 1       | Worcester, Mass.        | 1      | .....   |
| Minneapolis, Minn.  | .....  | 2       | Youngstown, Ohio.       | 8      | .....   |

## LETHARGIC ENCEPHALITIS.

## San Francisco, Calif., Week Ended Jan. 10, 1920.

During the week ended January 10, 1920, one death from lethargic encephalitis was reported in San Francisco, Calif.

## MALARIA.

## State Reports for November and December, 1919.

| Place.               | New cases reported. | Place.                 | New cases reported. |
|----------------------|---------------------|------------------------|---------------------|
| Arkansas (December): |                     | Arkansas—Continued.    |                     |
| Arkansas County      | 2                   | Pope County            | 1                   |
| Ashley County        | 2                   | Prairie County         | 1                   |
| Baxter County        | 1                   | Pulaski County         | 1                   |
| Benton County        | 15                  | Saline County          | 2                   |
| Bradley County       | 40                  | Sebastian County       | 3                   |
| Calhoun County       | 1                   | Sevier County          | 100                 |
| Carroll County       | 1                   | St. Francis County     | 6                   |
| Chicot County        | 5                   | Union County           | 14                  |
| Clark County         | 18                  | White County           | 12                  |
| Cleburne County      | 5                   | Woodruff County        | 3                   |
| Conway County        | 4                   | Total                  | 404                 |
| Crawford County      | 5                   |                        |                     |
| Cross County         | 2                   | Louisiana (December):  |                     |
| Franklin County      | 34                  | Acadia Parish          | 2                   |
| Greene County        | 1                   | Avoyelles Parish       | 1                   |
| Hot Spring County    | 28                  | Beauregard Parish      | 1                   |
| Howard County        | 5                   | Bienville Parish       | 1                   |
| Izard County         | 17                  | Caddo Parish           | 3                   |
| Jackson County       | 5                   | Calcasieu Parish       | 2                   |
| Lafayette County     | 4                   | Concordia Parish       | 9                   |
| Lincoln County       | 3                   | East Carroll Parish    | 7                   |
| Logan County         | 6                   | East Feliciana Parish  | 1                   |
| Lonoke County        | 4                   | Grant Parish           | 1                   |
| Miller County        | 6                   | Jefferson Davis Parish | 1                   |
| Ouachita County      | 43                  | Lafayette Parish       | 5                   |
| Perry County         | 4                   |                        |                     |

January 30, 1920.

**MALARIA—Continued.****State Reports for November and December, 1919—Continued.**

| Place.                                 | New cases reported. | Place.                            | New cases reported. |
|--|---------------------|-----------------------------------|---------------------|
| <b>Louisiana (December)—Continued.</b> |                     |                                   |                     |
| Lafourche Parish.....                  | 1                   | Minnesota (November):             |                     |
| La Salle Parish.....                   | 4                   | Hennepin County—                  |                     |
| Lincoln Parish.....                    | 1                   | Minneapolis.....                  | 1                   |
| Orleans Parish.....                    | 1                   |                                   |                     |
| Ouachita Parish.....                   | 3                   | <b>New Jersey (December):</b>     |                     |
| St. James Parish.....                  | 1                   | Somerset County.....              | 1                   |
| St. Landry Parish.....                 | 13                  | Union County.....                 | 1                   |
| St. Martin Parish.....                 | 190                 | Total.....                        | 2                   |
| St. Tammany Parish.....                | 36                  |                                   |                     |
| Tangipahoa Parish.....                 | 1                   | <b>South Carolina (December):</b> |                     |
| Tensas Parish.....                     | 14                  | Beaufort County.....              | 6                   |
| Vermilion Parish.....                  | 2                   | Chester County.....               | 1                   |
| Vernon Parish.....                     | 1                   | Chesterfield County.....          | 1                   |
| Washington Parish.....                 | 2                   | Greenville County.....            | 1                   |
| Webster Parish.....                    | 1                   | Marion County.....                | 14                  |
| Total.....                             | 205                 | Total.....                        | 23                  |

<sup>1</sup> 82 of these delayed reports.<sup>2</sup> 34 of these delayed reports.**City Reports for Week Ended Jan. 10, 1920.**

| Place.                | Cases. | Deaths. | Place.                | Cases. | Deaths. |
|-----------------------|--------|---------|-----------------------|--------|---------|
| Beaumont, Tex.....    |        | 1       | Passaic, N. J.....    | 1      |         |
| Birmingham, Ala.....  | 2      |         | Philadelphia, Pa..... | 1      | 1       |
| Brunswick, Ga.....    |        | 1       | Pine Bluff, Ark.....  | 4      |         |
| Dallas, Tex.....      | 3      |         | Providence, R. I..... |        | 1       |
| Joplin, Mo.....       | 1      |         | Savannah, Ga.....     | 1      | 1       |
| Little Rock, Ark..... | 1      |         | Wilmington, N. C..... | 1      |         |

**MEASLES.**

See Telegraphic weekly reports from States, p. 229; Monthly summaries by States p. 235; and Weekly reports from cities, p. 254.

**PELLAGRA.****Arkansas, Kansas, and Louisiana—December, 1919.**

| Place.                      | New cases reported. | Place.                       | New cases reported. |
|-----------------------------|---------------------|------------------------------|---------------------|
| <b>Arkansas (December):</b> |                     |                              |                     |
| Baxter County.....          | 2                   | Kansas (December):           |                     |
| Benton County.....          | 4                   | McPherson County—            |                     |
| Chicot County.....          | 1                   | Roxbury.....                 | 1                   |
| Clark County.....           | 1                   |                              |                     |
| Craighead County.....       | 1                   | <b>Louisiana (December):</b> |                     |
| Crawford County.....        | 1                   | Assumption Parish.....       | 1                   |
| Hot Spring County.....      | 1                   | Beauregard Parish.....       | 1                   |
| Independence County.....    | 3                   | Caddo Parish.....            | 1                   |
| Lafayette County.....       | 1                   | Catahoula Parish.....        | 1                   |
| Miller County.....          | 1                   | Concordia Parish.....        | 1                   |
| Ouachita County.....        | 3                   | Orleans Parish.....          | 1                   |
| Perry County.....           | 1                   | Ouachita Parish.....         | 1                   |
| Saline County.....          | 1                   | Total.....                   | 7                   |
| Scott County.....           | 1                   |                              |                     |
| Union County.....           | 2                   |                              |                     |
| White County.....           | 1                   |                              |                     |
| Yell County.....            | 3                   |                              |                     |
| Total.....                  | 28                  |                              |                     |

**PELLAGRA—Continued.****City Reports for Week Ended Jan. 10, 1920.**

| Place.               | Cases. | Deaths. | Place.             | Cases. | Deaths. |
|----------------------|--------|---------|--------------------|--------|---------|
| Atlanta, Ga.....     |        | 1       | Memphis, Tenn..... |        |         |
| Birmingham, Ala..... | 2      | 2       | Mobile, Ala.....   |        | 1       |
| Macon, Ga.....       | 2      | 2       |                    |        |         |

**PLAQUE.****New Orleans, La.**

The table below gives a record of rodent cases of plague at New Orleans, La., from January 10 to 22, and is a continuation of the table printed on page 145 of the Public Health Reports dated January 16, 1920.

No case of human plague in New Orleans has been confirmed since December 30, 1919.

*Rodent cases of plague, New Orleans, La.*

| Date confirmed. | Mus<br>Alex-<br>andrinus. | Mus mus-<br>culus. | Mus Nor-<br>vegicus. | Mus<br>rattus. | Total<br>rodents<br>plague<br>infected. |
|-----------------|---------------------------|--------------------|----------------------|----------------|---|
| 1920.           |                           |                    |                      |                |   |
| Jan. 10.....    |                           |                    | 3                    |                | 3                                       |
| Jan. 11.....    | 2                         | 2                  | 1                    | 3              | 3                                       |
| Jan. 12.....    | 2                         |                    |                      |                | 2                                       |
| Jan. 13.....    | 2                         |                    |                      |                | 3                                       |
| Jan. 14.....    | 1                         |                    | 3                    |                | 4                                       |
| Jan. 15.....    | 1                         |                    | 3                    | 4              | 8                                       |
| Jan. 16.....    |                           |                    |                      | 5              | 5                                       |
| Jan. 17.....    | 2                         | 1                  | 2                    |                | 3                                       |
| Jan. 18.....    |                           | 1                  | 8                    | 2              | 11                                      |
| Jan. 19.....    | 1                         |                    | 5                    |                | 6                                       |
| Jan. 20.....    | 1                         |                    | 4                    | 1              | 6                                       |
| Jan. 21.....    |                           |                    | 3                    |                | 3                                       |
| Jan. 22.....    |                           |                    | 4                    |                | 4                                       |

**PNEUMONIA (ALL FORMS).****City Reports for Week Ended Jan. 10, 1920.**

| Place.                   | Cases. | Deaths. | Place.                    | Cases. | Deaths. |
|--------------------------|--------|---------|---------------------------|--------|---------|
| Adams, Mass.....         | 1      |         | Birmingham, Ala.....      | 1      | 11      |
| Akron, Ohio.....         | 6      |         | Bloomfield, N. J.....     | 1      |         |
| Alameda, Calif.....      | 3      | 3       | Boston, Mass.....         | 51     | 27      |
| Albany, N. Y.....        | 10     |         | Boulder, Colo.....        | 1      | 1       |
| Alexandria, Va.....      |        |         | Brazil, Ind.....          |        | 1       |
| Alliance, Ohio.....      | 4      |         | Brockton, Mass.....       | 2      | 1       |
| Arlington, Mass.....     | 1      |         | Brookline, Mass.....      | 2      |         |
| Atchison, Kans.....      | 3      |         | Buffalo, N. Y.....        | 13     | 10      |
| Atlanta, Ga.....         | 1      | 17      | Burlington, Iowa.....     | 1      | 1       |
| Atlantic City, N. J..... | 3      |         | Butte, Mont.....          |        | 1       |
| Aurora, Ill.....         |        |         | Cambridge, Mass.....      | 11     | 8       |
| Baltimore, Md.....       | 79     | 20      | Camden, N. J.....         | 2      |         |
| Beaumont, Tex.....       | 2      |         | Cape Girardeau, Mo.....   |        | 1       |
| Bedford, Ind.....        | 1      |         | Centralia, Ill.....       | 1      |         |
| Belleville, N. J.....    | 1      |         | Chamute, Kans.....        |        | 2       |
| Berlin, N. H.....        |        |         | Charleston, S. C.....     |        | 5       |
| Beverly, Mass.....       | 1      | 2       | Charlotte, N. C.....      |        | 2       |
| Biddeford, Me.....       |        |         | Chelsea, Mass.....        | 3      | 1       |
| Binghamton, N. Y.....    | 3      |         | Chicago Heights, Ill..... | 4      | 3       |

January 30, 1920.

## PNEUMONIA (ALL FORMS)—Continued.

City Reports for Week Ended Jan. 10, 1920—Continued.

| Place.               | Cases. | Deaths. | Place.                | Cases. | Deaths. |
|----------------------|--------|---------|-----------------------|--------|---------|
| Chicago, Ill.        | 397    | 94      | Lynchburg, Va.        |        | 1       |
| Chicopee, Mass.      | 2      |         | Lynn, Mass.           | 1      | 2       |
| Chillicothe, Ohio.   |        | 1       | Macon, Ga.            | 1      | 2       |
| Cincinnati, Ohio.    | 2      | 13      | Manchester, N. H.     | 2      | 2       |
| Cleveland, Ohio.     | 38     | 19      | Marion, Ind.          |        | 1       |
| Clinton, Mass.       | 2      |         | Marlboro, Mass.       |        | 2       |
| Cohoes, N. Y.        | 5      | 2       | Marquette, Mich.      | 6      | 1       |
| Columbus, Ga.        | 3      | 2       | Mason City, Iowa      |        | 2       |
| Columbus, Ohio.      |        | 12      | Mattoon, Ill.         | 1      |         |
| Concord, N. H.       |        | 1       | Medford, Mass.        | 3      |         |
| Cortland, N. Y.      | 1      |         | Melrose, Mass.        | 1      | 1       |
| Covington, Ky.       |        | 4       | Memphis, Tenn.        |        | 11      |
| Cranston, R. I.      | 1      | 1       | Milwaukee, Wis.       |        | 24      |
| Cumberland, Md.      | 4      |         | Minneapolis, Minn.    |        | 10      |
| Dallas, Tex.         | 18     | 4       | Missoula, Mont.       |        | 1       |
| Danville, Ill.       |        | 1       | Mobile, Ala.          |        | 4       |
| Dayton, Ohio.        | 1      |         | Montclair, N. J.      | 9      | 3       |
| Decatur, Ill.        |        | 2       | Morgantown, W. Va.    | 1      |         |
| Denver, Colo.        |        | 20      | Mount Vernon, N. Y.   | 4      | 4       |
| Detroit, Mich.       | 38     | 46      | Nashville, Tenn.      |        | 6       |
| Dover, N. H.         |        | 1       | Newark, N. J.         | 101    | 14      |
| Duluth, Minn.        |        | 2       | New Bedford, Mass.    | 5      | 11      |
| Durham, N. C.        | 1      |         | New Britain, Conn.    |        | 4       |
| East Chicago, Ind.   |        | 9       | Newburyport, Mass.    |        | 1       |
| East Orange, N. J.   | 4      | 3       | New Castle, Ind.      | 1      |         |
| East St. Louis, Ill. | 2      | 6       | New Haven, Conn.      |        | 6       |
| Elgin, Ill.          |        |         | New Orleans, La.      |        | 24      |
| Elizabeth, N. J.     | 4      |         | Newport, R. I.        |        | 1       |
| Elkhart, Ind.        | 1      |         | Newton, Mass.         | 2      | 2       |
| El Paso, Tex.        | 8      |         | New York, N. Y.       | 528    | 205     |
| Englewood, N. J.     | 3      |         | Niagara Falls, N. Y.  | 3      | 1       |
| Eureka, Calif.       |        | 1       | Northampton, Mass.    | 2      |         |
| Everett, Mass.       | 2      |         | Norwood, Ohio.        | 1      |         |
| Fall River, Mass.    | 1      | 7       | Oakland, Calif.       | 8      | 3       |
| Framingham, Mass.    |        | 1       | Oak Park, Ill.        | 5      | 4       |
| Freeport, Ill.       | 2      | 2       | Oklahoma City, Okla.  | 1      | 1       |
| Fremont, Ohio.       | 1      |         | Omaha, Nebr.          |        | 4       |
| Galesburg, Ill.      |        | 2       | Orange, Conn.         | 3      | 1       |
| Galveston, Tex.      |        |         | Orange, N. J.         | 4      | 2       |
| Gary, Ind.           |        | 3       | Pasadena, Calif.      | 3      |         |
| Glens Falls, N. Y.   |        | 3       | Passaic, N. J.        | 4      | 2       |
| Grand Rapids, Mich.  | 2      | 2       | Paterson, N. J.       | 10     |         |
| Hackensack, N. J.    |        |         | Peoria, Ill.          |        | 6       |
| Hammond, Ind.        |        | 2       | Perth Amboy, N. J.    |        | 2       |
| Harrison, N. J.      | 1      |         | Petersburg, Va.       |        | 2       |
| Hartford, Conn.      | 1      | 4       | Philadelphia, Pa.     | 80     | 53      |
| Haverhill, Mass.     | 5      | 1       | Pine Bluff, Ark.      | 5      |         |
| Hibbing, Minn.       | 1      |         | Pittsburgh, Pa.       | 18     | 28      |
| Highland Park, Mich. | 7      | 3       | Pittsfield, Mass.     |        | 2       |
| Hoboken, N. J.       | 1      | 4       | Plainfield, N. J.     | 1      | 1       |
| Holland, Mich.       | 1      |         | Pontiac, Mich.        | 6      |         |
| Holyoke, Mass.       | 3      | 4       | Port Chester, N. Y.   |        | 2       |
| Hot Springs, Ark.    | 1      | 1       | Port Huron, Mich.     | 1      |         |
| Hudson, N. Y.        |        |         | Portland, Oreg.       |        | 13      |
| Huntington, W. Va.   |        | 1       | Portsmouth, Va.       |        | 3       |
| Irvington, N. J.     | 2      |         | Poughkeepsie, N. Y.   |        | 1       |
| Ishpeming, Mich.     | 1      |         | Providence, R. I.     |        | 12      |
| Jamestown, N. Y.     |        | 1       | Pueblo, Colo.         |        | 3       |
| Jefferson City, Mo.  |        | 1       | Reno, Nev.            | 1      |         |
| Jersey City, N. J.   | 10     |         | Richmond, Va.         | 3      | 6       |
| Kalamazoo, Mich.     | 2      | 2       | Rochester, N. Y.      | 5      | 13      |
| Kankakee, Ill.       |        | 1       | Rockford, Ill.        |        | 7       |
| Kansas City, Kans.   | 8      |         | Rock Island, Ill.     | 1      |         |
| Kansas City, Mo.     | 15     | 12      | Rocky Mount, N. C.    |        | 3       |
| Kearny, N. J.        | 1      | 1       | Rome, Ga.             | 3      |         |
| Keene, N. H.         | 3      | 2       | Rome, N. Y.           | 2      |         |
| Lackawanna, N. Y.    | 2      |         | Rutland, Vt.          | 1      | 1       |
| LaCrosse, Wis.       |        | 3       | Sacramento, Calif.    | 1      | 5       |
| Lafayette, Ind.      |        |         | Saginaw, Mich.        | 3      | 2       |
| Lake Charles, La.    |        | 1       | St. Joseph, Mo.       |        | 4       |
| Lancaster, Ohio.     |        | 1       | St. Paul, Minn.       |        | 3       |
| Lawrence, Mass.      | 2      | 1       | Salem, Mass.          | 1      |         |
| Leominster, Mass.    | 1      | 1       | Salem, Oreg.          |        | 2       |
| Lexington, Ky.       | 1      | 4       | Salt Lake City, Utah  |        | 6       |
| Little Rock, Ark.    | 2      |         | San Diego, Calif.     | 4      | 4       |
| Lockport, N. Y.      | 2      | 2       | Sandusky, Ohio.       | 2      | 3       |
| Logansport, Ind.     |        | 4       | Sanford, Me.          |        | 1       |
| Los Angeles, Calif.  | 30     | 15      | San Francisco, Calif. |        | 9       |
| Louisville, Ky.      | 9      | 10      | Santa Barbara, Calif. |        | 2       |
| Lowell, Mass.        |        | 5       |                       |        |         |

**PNEUMONIA (ALL FORMS)—Continued.****City Reports for Week Ended Jan. 10, 1920—Continued.**

| Place.                  | Cases. | Deaths. | Place.               | Cases. | Deaths. |
|-------------------------|--------|---------|----------------------|--------|---------|
| Santa Cruz, Calif.      |        | 1       | Tucson, Ariz.        | 1      | 1       |
| Sault Ste. Marie, Mich. | 2      | 1       | Waco, Tex.           |        | 1       |
| Savannah, Ga.           |        | 7       | Wakefield, Mass.     | 1      | .....   |
| Schenectady, N. Y.      | 4      | 2       | Waltham, Mass.       | 1      | 2       |
| Somerville, Mass.       | 1      | 1       | Waterbury, Conn.     | 1      | 1       |
| South Bend, Ind.        |        | 4       | Westfield, Mass.     | 1      | 1       |
| Springfield, Mass.      | 2      |         | West Hoboken, N. J.  |        | 1       |
| Springfield, Mo.        | 3      |         | West Orange, N. J.   | 1      | .....   |
| Springfield, Ohio.      | 1      |         | Wheeling, W. Va.     |        | 7       |
| Staunton, Va.           | 1      |         | Wichita, Kans.       | 4      | 2       |
| Stockton, Calif.        |        | 5       | Wilmington, Del.     |        | 1       |
| Syracuse, N. Y.         | 9      |         | Wilmington, N. C.    |        | 2       |
| Taunton, Mass.          | 1      | 2       | Winona, Minn.        | 1      | 1       |
| Terre Haute, Ind.       |        | 4       | Winston-Salem, N. C. | 2      | 1       |
| Toledo, Ohio.           | 8      |         | Worcester, Mass.     | 8      | 10      |
| Topeka, Kans.           | 3      |         | Yonkers, N. Y.       | 5      | 4       |
| Trenton, N. J.          | 8      | 3       | Youngstown, Ohio     | 2      | 3       |
| Troy, N. Y.             | 3      | 1       | Zanesville, Ohio.    |        | 1       |

**POLIOMYELITIS (INFANTILE PARALYSIS).****State Reports for November and December, 1919.**

| Place.  | New cases reported. | Place.   | New cases reported. |
|---|---------------------|--|---------------------|
| Connecticut (December):<br>Windham County—<br>Putnam. | 1                   | Minnesota (November)—Continued.<br>Ramsey County—<br>St. Paul. | 1                   |
| Indiana (December):<br>Marion County.                 | 1                   | Total.....   | 3                   |
| Ohio County.  | 1                   | New Jersey (December):<br>Gloucester County.                   | 1                   |
| Total.....  | 2                   | Hudson County.   | 1                   |
| Kansas (December):<br>Cherokee County—<br>Columbus.   | 1                   | Union County.  | 1                   |
| Louisiana (December):<br>St. Martin Parish.           | 1                   | Total.....   | 3                   |
| Michigan (December):<br>Ionia County—<br>Ionia.       | 1                   | New York (December):<br>Dutchess County—<br>Poughkeepsie.      | 1                   |
| Lake Odessa.  | 1                   | Erie County—<br>Buffalo.                                       | 1                   |
| Total.....  | 2                   | Essex County—<br>Elizabethtown Town.                           | 1                   |
| Minnesota (November):<br>Marshall County—<br>Warren.  | 1                   | Monroe County—<br>Gates Town.                                  | 1                   |
| Ottottaw County—<br>Fergus Falls.                     | 1                   | New York City.   | 3                   |
| Total.....  | 2                   | Total.....   | 7                   |
| North Carolina (December):<br>Catawba County.         |                     | Currituck County.  | 1                   |
| Total.....  |                     | Total.....   | 2                   |

**Baltimore, Md., East Orange, N. J., and New York, N. Y., Week Ended Jan. 10, 1920.**

During the week ended January 10, 1920, one case of poliomyelitis was reported in Baltimore, Md.; one case in East Orange, N. J.; and one death in New York, N. Y.

**RABIES IN ANIMALS.****Akron, Ohio, El Paso, Tex., and Kansas City, Mo., Week Ended Jan. 10, 1920.**

During the week ended January 10, 1920, 3 cases of rabies in animals were reported at Akron, Ohio; 14 cases at El Paso, Tex.; and 2 cases at Kansas City, Mo.

January 30, 1920.

**RABIES IN MAN.****New York, N. Y., and Philadelphia, Pa., Week Ended Jan. 10, 1920.**

During the week ended January 10, 1920, one case and one death of rabies in man were reported at New York, N. Y., and one case and one death at Philadelphia, Pa.

**SCARLET FEVER.**

See Telegraphic weekly reports from States, p. 229; Monthly summaries by States, p. 235; and Weekly reports from cities, p. 254.

**SMALLPOX.****Cherokee County, S. C.**

On January 22, 1920, an epidemic of smallpox was reported in Cherokee County, S. C. Two hundred and twenty-seven cases had been notified, with two deaths. A representative of the South Carolina State Board of Health was supervising the measures for the control of the disease.

**Vaccinations on Canadian Border, 1920.**

Reports from Public Health Service officers on the Canadian border show that vaccinations were performed at points of entry to the United States from January 10 to January 17, inclusive, as follows:

*Vaccinations.*

|                               |       |
|-------------------------------|-------|
| Buffalo.....                  | 378   |
| Detroit.....                  | 2,920 |
| Niagara Falls.....            | 690   |
| Ogdensburg <sup>1</sup> ..... | 47    |
| Port Huron.....               | 461   |
| Sault Ste. Marie.....         | 77    |

**State Reports for November and December, 1919—Vaccination Histories.**

| Place.                 | New cases reported during month. | Deaths. | Vaccination history of cases.               |   |                                |                                    |
|------------------------|----------------------------------|---------|---|---|--------------------------------|------------------------------------|
|                        |                                  |         | Vaccinated within 7 years preceding attack. | Last vaccinated more than 7 years preceding attack. | Never successfully vaccinated. | History not obtained or uncertain. |
| Kansas (December):     |                                  |         |   |   |                                |                                    |
| Barton County—         |                                  |         |   |   |                                |                                    |
| Great Bend.....        | 1                                |         |   |   | 1                              |                                    |
| Brown County—          |                                  |         |   |   |                                |                                    |
| Hamlin.....            | 2                                |         |   |   |                                | 2                                  |
| Reserve.....           | 3                                |         | 2   |   | 1                              |                                    |
| Hiawatha.....          | 3                                |         | 1   |   |                                | 2                                  |
| Butler County.....     | 4                                |         |   |   |                                | 4                                  |
| Augusta.....           | 6                                |         |   |   | 1                              | 5                                  |
| El Dorado.....         | 8                                |         |   |   | 1                              | 7                                  |
| Cherokee County—       |                                  |         |   |   |                                |                                    |
| Scammon.....           | 1                                |         |   |   | 1                              |                                    |
| Cheyenne County—       |                                  |         |   |   |                                |                                    |
| St. Francis.....       | 1                                |         |   |   |                                | 1                                  |
| Clark County—          |                                  |         |   |   |                                |                                    |
| Bucklin, R. F. D. .... | 1                                |         |   |   |                                | 1                                  |

<sup>1</sup> No report for Jan. 16.

## SMALLPOX—Continued.

## State Reports for November and December, 1919—Vaccination Histories—Contd.

| Place.                                      | New cases reported during month. | Deaths. | Vaccination history of cases.               |   |                                |                                    |
|---|----------------------------------|---------|---|---|--------------------------------|------------------------------------|
|   |                                  |         | Vaccinated within 7 years preceding attack. | Last vaccinated more than 7 years preceding attack. | Never successfully vaccinated. | History not obtained or uncertain. |
| <b>Kansas (December)—Continued.</b>         |                                  |         |   |   |                                |                                    |
| Clay County—<br>Longford.....               | 3                                |         |   |   |                                | 3                                  |
| Oakhill.....                                | 1                                |         |   |   |                                | 1                                  |
| Cloud County—<br>Miltonvale.....            | 7                                |         | 1   | 2   |                                | 4                                  |
| Cowley County—<br>Rock.....                 | 1                                |         |   |   |                                | 1                                  |
| Arkansas City.....                          | 3                                |         |   |   | 1                              | 2                                  |
| Crawford County—<br>Pittsburg, H. F. D..... | 5                                |         |   |   | 2                              | 3                                  |
| Doniphan County—<br>Wathena.....            | 1                                |         |   |   | 1                              |                                    |
| Troy.....                                   | 1                                |         |   |   | 1                              |                                    |
| Douglas County—<br>Lawrence, R. F. D.....   | 1                                |         |   |   | 1                              |                                    |
| Baldwin.....                                | 1                                |         |   |   |                                | 1                                  |
| Lawrence.....                               | 2                                |         |   |   | 1                              | 1                                  |
| Ellis County—<br>Ellis.....                 | 1                                |         |   |   | 1                              |                                    |
| Graham County—<br>Penokee.....              | 4                                |         |   |   |                                | 4                                  |
| Morland.....                                | 2                                |         |   |   |                                | 2                                  |
| Damar, R. F. D.....                         | 1                                |         |   |   |                                | 1                                  |
| Gray County—<br>Cimarron.....               | 8                                |         |   |   | 4                              | 4                                  |
| Harvey County—<br>Newton.....               | 1                                |         |   |   |                                | 1                                  |
| Jackson County—<br>Mayette.....             | 1                                |         |   |   | 1                              |                                    |
| Jewell County—<br>Esbon.....                | 6                                |         |   |   | 5                              | 1                                  |
| Burn Oak.....                               | 1                                |         |   |   |                                | 1                                  |
| Kingman County—<br>Nashville.....           | 2                                |         |   |   | 2                              |                                    |
| Leavenworth County—<br>Kickapoo.....        | 3                                |         |   |   | 1                              | 2                                  |
| Lansing.....                                | 2                                |         | 1   |   | 1                              |                                    |
| Jarhola.....                                | 1                                |         |   |   |                                | 1                                  |
| Lincoln County—<br>Lincoln.....             | 3                                |         |   |   | 3                              |                                    |
| Marshall County—<br>Marysville.....         | 1                                |         |   |   | 1                              |                                    |
| Frankfort.....                              | 1                                |         |   |   |                                | 1                                  |
| Montgomery County—<br>Cherryvale.....       | 1                                |         |   | 1   |                                |                                    |
| Independence.....                           | 1                                |         |   | 1   |                                |                                    |
| Morris County—<br>Council Grove.....        | 1                                |         |   |   |                                | 1                                  |
| Morton County—<br>Rolla.....                | 1                                |         |   |   |                                | 1                                  |
| Neosho County—<br>St. Paul.....             | 3                                |         |   |   | 2                              | 1                                  |
| Walnut.....                                 | 2                                |         |   | 1   | 1                              |                                    |
| Erie.....                                   | 1                                |         |   |   |                                | 1                                  |
| Chanute.....                                | 2                                |         |   |   | 1                              | 1                                  |
| Norton County—<br>Lenora.....               | 3                                |         |   |   | 3                              |                                    |
| Norton.....                                 | 9                                |         | 1   |   | 1                              | 7                                  |
| Edmund.....                                 | 4                                |         |   |   |                                | 4                                  |
| Densmore.....                               | 1                                |         |   |   |                                |                                    |
| Almena.....                                 | 3                                |         |   |   | 1                              | 2                                  |
| Oronoque.....                               | 5                                |         |   |   | 5                              |                                    |
| Osage County—<br>Osage City.....            | 3                                |         |   |   | 1                              | 2                                  |
| Ottawa County—<br>Minneapolis.....          | 1                                |         |   |   |                                | 1                                  |
| Lamar County—<br>Miltonvale.....            | 6                                |         |   |   |                                | 6                                  |
|   | 11                               |         |   |   | 3                              | 11                                 |

## SMALLPOX—Continued.

State Reports for November and December, 1919—Vaccination Histories—Contd.

| Place.                               | New cases reported during month. | Deaths. | Vaccination history of cases.               |   |                                |                                    |
|--------------------------------------|----------------------------------|---------|---|---|--------------------------------|------------------------------------|
|                                      |                                  |         | Vaccinated within 7 years preceding attack. | Last vaccinated more than 7 years preceding attack. | Never successfully vaccinated. | History not obtained or uncertain. |
| <b>Kansas (December)—Continued .</b> |                                  |         |   |   |                                |                                    |
| Phillips County—                     |                                  |         |   |   |                                |                                    |
| Phillipsburg.....                    | 12                               |         |   |   | 6                              | 6                                  |
| Kirwin.....                          | 1                                |         |   |   |                                | 1                                  |
| Prairie View.....                    | 4                                |         |   |   |                                | 4                                  |
| Agra.....                            | 2                                |         |   |   |                                | 2                                  |
| Pratt County—                        |                                  |         |   |   |                                |                                    |
| Pratt.....                           | 1                                |         |   |   | 1                              |                                    |
| Rawlins County—                      |                                  |         |   |   |                                |                                    |
| McDonald R. F. D.....                | 3                                |         | 1   |   | 2                              |                                    |
| Rice County—                         |                                  |         |   |   |                                |                                    |
| Chase.....                           | 1                                |         |   |   |                                | 1                                  |
| Riley County—                        |                                  |         |   |   |                                |                                    |
| Fremont.....                         | 1                                |         |   |   |                                | 1                                  |
| Manhattan.....                       | 2                                |         |   | 1   |                                | 1                                  |
| Saline County—                       |                                  |         |   |   |                                |                                    |
| Salina.....                          | 1                                |         |   |   |                                | 1                                  |
| Sedgwick County—                     |                                  |         |   |   |                                |                                    |
| Cheney.....                          | 1                                |         |   |   |                                | 1                                  |
| Wichita.....                         | 5                                |         |   |   |                                | 5                                  |
| Sheridan County—                     |                                  |         |   |   |                                |                                    |
| Grainfield.....                      | 1                                |         |   |   | 1                              |                                    |
| Sherman County—                      |                                  |         |   |   |                                |                                    |
| Kanorado.....                        | 2                                |         |   |   |                                | 2                                  |
| Smith County—                        |                                  |         |   |   |                                |                                    |
| Labanon.....                         | 32                               |         |   |   | 8                              | 24                                 |
| Sumner County—                       |                                  |         |   |   |                                |                                    |
| Caldwell.....                        | 1                                |         |   |   | 1                              |                                    |
| Wellington.....                      | 1                                |         |   |   | 1                              |                                    |
| Trego County—                        |                                  |         |   |   |                                |                                    |
| Wakeeney.....                        | 1                                |         |   |   | 1                              |                                    |
| Wabaunsee County—                    |                                  |         |   |   |                                |                                    |
| Eskridge.....                        | 1                                |         | 1   |   |                                |                                    |
| Total.....                           | 228                              |         |   | 8   | 6                              | 72                                 |
|                                      |                                  |         |   |   |                                | 142                                |
| <b>Michigan (December):</b>          |                                  |         |   |   |                                |                                    |
| Arenac County—                       |                                  |         |   |   |                                |                                    |
| Standish Township.....               | 3                                |         |   |   |                                | 3                                  |
| Barry County—                        |                                  |         |   |   |                                |                                    |
| Cast eton Township.....              | 1                                |         |   |   | 1                              |                                    |
| Nashville.....                       | 2                                |         |   |   | 2                              |                                    |
| Berrien County—                      |                                  |         |   |   |                                |                                    |
| Ni es.....                           | 2                                |         |   |   | 2                              |                                    |
| Calhoun County—                      |                                  |         |   |   |                                |                                    |
| Athens Township.....                 | 1                                |         | 1   |   |                                |                                    |
| Athens.....                          | 3                                |         |   |   | 3                              |                                    |
| Charlevoix County—                   |                                  |         |   |   |                                |                                    |
| Boyne City.....                      | 1                                |         |   |   | 1                              |                                    |
| Clinton County—                      |                                  |         |   |   |                                |                                    |
| Bath Township.....                   | 2                                |         | 2   |   |                                |                                    |
| Victor Township.....                 | 6                                |         | 6   |   |                                |                                    |
| Delta County—                        |                                  |         |   |   |                                |                                    |
| Escanaba.....                        | 1                                |         |   | 1   |                                |                                    |
| Eaton County—                        |                                  |         |   |   |                                |                                    |
| Carne Township.....                  | 3                                |         | 2   |   | 1                              |                                    |
| Genesee County—                      |                                  |         |   |   |                                |                                    |
| Flint.....                           | 3                                |         |   |   | 3                              |                                    |
| Gogebic County—                      |                                  |         |   |   |                                |                                    |
| Bessemer.....                        | 24                               |         | 7   |   | 17                             |                                    |
| Ironwood.....                        | 10                               |         | 5   |   | 5                              |                                    |
| Grand Traverse County—               |                                  |         |   |   |                                |                                    |
| Traverse City.....                   | 1                                |         | 1   |   |                                |                                    |
| Hillsdale County—                    |                                  |         |   |   |                                |                                    |
| Montgomery.....                      | 5                                |         | 4   |   | 1                              |                                    |
| Reading Township.....                | 1                                |         |   |   | 1                              |                                    |
| Houghton County—                     |                                  |         |   |   |                                |                                    |
| Quincy Township.....                 | 7                                |         |   |   | 7                              |                                    |
| Houghton.....                        | 4                                |         | 1   |   | 2                              | 1                                  |
| Ingham County—                       |                                  |         |   |   |                                |                                    |
| Lansing Township.....                | 1                                |         |   |   | 1                              |                                    |
| Lansing.....                         | 76                               |         | 6   |   | 67                             | 3                                  |

## SMALLPOX—Continued.

## State Reports for November and December, 1919—Vaccination Histories—Contd.

| Place.                            | New cases reported during month. | Deaths. | Vaccination history of cases.               |   |                                |                                    |
|-----------------------------------|----------------------------------|---------|---|---|--------------------------------|------------------------------------|
|                                   |                                  |         | Vaccinated within 7 years preceding attack. | Last vaccinated more than 7 years preceding attack. | Never successfully vaccinated. | History not obtained or uncertain. |
| <b>Michigan (December)—Contd.</b> |                                  |         |   |   |                                |                                    |
| Ionia County—                     |                                  |         |   |   |                                |                                    |
| Campbell Township.....            | 2                                |         |   |   | 1                              | 1                                  |
| Damby Township.....               | 1                                |         |   |   |                                | 1                                  |
| Berlin Township.....              | 1                                |         |   |   |                                | 1                                  |
| Lake Odessa Township.....         | 4                                |         | 2   |   | 2                              |                                    |
| Lake Odessa.....                  | 7                                |         | 3   |   | 4                              |                                    |
| Isabella County—                  |                                  |         |   |   |                                |                                    |
| Lincoln Township.....             | 1                                |         |   |   | 1                              |                                    |
| Jackson County—                   |                                  |         |   |   |                                |                                    |
| Blackman Township.....            | 1                                |         |   |   | 1                              |                                    |
| Kalamazoo County—                 |                                  |         |   |   |                                |                                    |
| Kalamazoo.....                    | 2                                |         |   |   | 2                              |                                    |
| Mason County—                     |                                  |         |   |   |                                |                                    |
| Custer Township.....              | 2                                |         |   |   | 2                              |                                    |
| Ludington.....                    | 1                                |         |   |   | 1                              |                                    |
| Newaygo County—                   |                                  |         |   |   |                                |                                    |
| Garfield Township.....            | 2                                |         |   |   | 2                              |                                    |
| Wilcox Township.....              | 1                                |         | 1   |   |                                |                                    |
| Oakland County—                   |                                  |         |   |   |                                |                                    |
| Pontiac.....                      | 2                                |         | 1   |   | 1                              |                                    |
| Ontonagon County—                 |                                  |         |   |   |                                |                                    |
| Ontonagon.....                    | 1                                |         |   |   |                                | 1                                  |
| Otsego County—                    |                                  |         |   |   |                                |                                    |
| Chester Township.....             | 1                                |         |   |   | 1                              |                                    |
| Charleton Township.....           | 3                                |         | 1   |   | 2                              |                                    |
| Dover Township.....               | 1                                |         |   |   |                                | 1                                  |
| Livingston Township.....          | 5                                |         | 1   |   | 4                              |                                    |
| Johannesburg.....                 | 1                                |         | 1   |   |                                |                                    |
| Gaylord.....                      | 10                               |         | 1   |   | 9                              |                                    |
| Presque Isle County—              |                                  |         |   |   |                                |                                    |
| Onaway.....                       | 1                                |         |   |   | 1                              |                                    |
| St. Clair County—                 |                                  |         |   |   |                                |                                    |
| Wales Township.....               | 1                                |         |   |   |                                | 1                                  |
| Schoolcraft County—               |                                  |         |   |   |                                |                                    |
| Manistique.....                   | 2                                |         |   |   | 2                              |                                    |
| Washtenaw County—                 |                                  |         |   |   |                                |                                    |
| Ann Arbor.....                    | 3                                |         |   | 1   | 2                              |                                    |
| Ypsilanti.....                    | 1                                |         |   |   | 1                              |                                    |
| Wayne County—                     |                                  |         |   |   |                                |                                    |
| Hamtramck.....                    | 4                                |         |   |   | 4                              |                                    |
| Highland Park.....                | 1                                |         |   |   |                                | 1                                  |
| Detroit.....                      | 24                               |         |   |   |                                | 24                                 |
| Wexford County—                   |                                  |         |   |   |                                |                                    |
| Colfax Township.....              | 1                                |         |   |   |                                | 1                                  |
| Greenwood Township.....           | 2                                |         |   |   |                                | 2                                  |
| Cadillac.....                     | 1                                |         |   |   | 1                              |                                    |
| Kent County—                      |                                  |         |   |   |                                |                                    |
| Grand Rapids.....                 | 6                                |         |   |   |                                | 6                                  |
| Tuscola County—                   |                                  |         |   |   |                                |                                    |
| Elkland Township.....             | 2                                |         |   |   | 2                              |                                    |
| Cass City.....                    | 1                                |         |   | 1   |                                |                                    |
| Van Buren County—                 |                                  |         |   |   |                                |                                    |
| Bangor.....                       | 1                                |         |   |   | 1                              |                                    |
| Total.....                        | 257                              |         | 46  | 3   | 165                            | 43                                 |
| <b>Minnesota (November):</b>      |                                  |         |   |   |                                |                                    |
| Becker County—                    |                                  |         |   |   |                                |                                    |
| Atlanta Township.....             | 1                                |         |   |   | 1                              |                                    |
| Hamden Township.....              | 1                                |         |   |   | 1                              |                                    |
| Lake Park.....                    | 13                               |         |   |   | 13                             |                                    |
| Bigstone County—                  |                                  |         |   |   |                                |                                    |
| Ortonville.....                   | 2                                |         |   |   | 2                              |                                    |
| Clay County—                      |                                  |         |   |   |                                |                                    |
| Highland Grove Township.....      | 2                                |         |   |   | 2                              |                                    |
| Cottonwood County—                |                                  |         |   |   |                                |                                    |
| Windom.....                       | 1                                |         | 1   |   |                                |                                    |
| Douglas County—                   |                                  |         |   |   |                                |                                    |
| Alexandria.....                   | 24                               |         |   |   | 24                             |                                    |
| Ida Township.....                 | 1                                |         |   |   | 1                              |                                    |
| Lake May Township.....            | 1                                |         |   |   |                                | 1                                  |

January 30, 1920.

## SMALLPOX—Continued.

## State Reports for November and December, 1919—Vaccination Histories—Contd.

| Place.                             | New cases reported during month. | Deaths. | Vaccination history of cases.               |   |                                |                                    |
|------------------------------------|----------------------------------|---------|---|---|--------------------------------|------------------------------------|
|                                    |                                  |         | Vaccinated within 7 years preceding attack. | Last vaccinated more than 7 years preceding attack. | Never successfully vaccinated. | History not obtained or uncertain. |
| <b>Minnesota (November)—Contd.</b> |                                  |         |   |   |                                |                                    |
| Faribault County—                  |                                  |         |   |   |                                |                                    |
| Blue Earth.....                    | 1                                |         |   | 1   | 2                              |                                    |
| Emerald Township.....              | 2                                |         |   |   | 1                              |                                    |
| Jo Daviess Township.....           | 1                                |         |   |   | 1                              |                                    |
| Seeley Township.....               | 1                                |         |   |   |                                |                                    |
| Hennepin County—                   |                                  |         |   |   |                                |                                    |
| Minneapolis.....                   | 44                               |         | 4   | 40  |                                |                                    |
| Modina Township.....               | 1                                |         |   | 1   |                                |                                    |
| Hubbard County—                    |                                  |         |   |   |                                |                                    |
| Park Rapids.....                   | 18                               |         |   | 18  |                                |                                    |
| Straight River Township.....       | 2                                |         |   | 2   |                                |                                    |
| Isanti County—                     |                                  |         |   |   |                                |                                    |
| Cambridge.....                     | 6                                |         | 1   | 4   | 1                              |                                    |
| Kanabec County—                    |                                  |         |   |   |                                |                                    |
| Comfort Township.....              | 6                                |         | 1   | 4   | 1                              |                                    |
| Kanabec Township.....              | 2                                |         |   | 2   |                                |                                    |
| Grass Lake Township.....           | 1                                |         |   | 1   |                                |                                    |
| Martin County—                     |                                  |         |   |   |                                |                                    |
| Truman.....                        | 2                                |         |   | 2   |                                |                                    |
| Mower County—                      |                                  |         |   |   |                                |                                    |
| Dexter Township.....               | 4                                |         |   | 4   |                                |                                    |
| Olmsted County—                    |                                  |         |   |   |                                |                                    |
| Rochester.....                     | 3                                |         |   |   | 2                              | 1                                  |
| Ottertail County—                  |                                  |         |   |   |                                |                                    |
| Fergus Falls.....                  | 9                                |         | 1   | 7   | 1                              |                                    |
| Battle Lake.....                   | 1                                |         |   | 1   |                                |                                    |
| Everts Township.....               | 1                                |         |   | 1   |                                |                                    |
| Oak Valley Township.....           | 1                                |         |   | 1   |                                |                                    |
| Pipestone County—                  |                                  |         |   |   |                                |                                    |
| Ruthon.....                        | 1                                |         |   | 1   |                                |                                    |
| Polk County—                       |                                  |         |   |   |                                |                                    |
| Crookston.....                     | 1                                |         |   | 1   |                                |                                    |
| Pope County—                       |                                  |         |   |   |                                |                                    |
| Farwell.....                       | 1                                |         |   | 1   |                                |                                    |
| Ramsey County—                     |                                  |         |   |   |                                |                                    |
| St. Paul.....                      | 19                               |         |   | 19  |                                |                                    |
| Rice County—                       |                                  |         |   |   |                                |                                    |
| Faribault.....                     | 1                                |         |   | 1   |                                |                                    |
| St. Louis County—                  |                                  |         |   |   |                                |                                    |
| Duluth.....                        | 1                                |         | 1   |   | 1                              |                                    |
| McDavitt Township.....             | 1                                |         |   |   |                                |                                    |
| Stearns County—                    |                                  |         |   |   |                                |                                    |
| St. Cloud.....                     | 6                                |         |   | 6   |                                |                                    |
| Waite Parke.....                   | 5                                |         |   | 5   |                                |                                    |
| Steelo County—                     |                                  |         |   |   |                                |                                    |
| Owatonna.....                      | 10                               |         |   | 10  |                                |                                    |
| Aurora Township.....               | 1                                |         |   | 1   |                                |                                    |
| Todd County—                       |                                  |         |   |   |                                |                                    |
| Staples.....                       | 24                               |         | 1   | 1   | 22                             |                                    |
| Wabasha County—                    |                                  |         |   |   |                                |                                    |
| Zumbro Falls.....                  | 3                                |         |   |   | 3                              |                                    |
| Guilford Township.....             | 1                                |         |   |   | 1                              |                                    |
| Winona County—                     |                                  |         |   |   |                                |                                    |
| Winona.....                        | 1                                |         |   |   |                                | 1                                  |
| Total.....                         | 228                              | 2       | 10  | 210   | 6                              |                                    |
| <b>New York (December):</b>        |                                  |         |   |   |                                |                                    |
| Columbia County—                   |                                  |         |   |   |                                |                                    |
| Hudson.....                        | 1                                |         |   | 1   |                                |                                    |
| Erie County—                       |                                  |         |   |   |                                |                                    |
| Buffalo.....                       | 8                                |         |   |   |                                | 8                                  |
| Monroe County—                     |                                  |         |   |   |                                |                                    |
| Clarkson Town.....                 | 3                                |         |   |   | 3                              |                                    |
| Parma Town.....                    | 1                                |         |   | 1   |                                |                                    |
| Sweden Town.....                   | 9                                |         | 1   |   | 7                              | 1                                  |
| Brockport.....                     | 6                                |         |   | 1   | 4                              | 1                                  |
| Montgomery County—                 |                                  |         |   |   |                                |                                    |
| Florida Town.....                  | 1                                |         |   |   |                                | 1                                  |
| Warren County—                     |                                  |         |   |   |                                |                                    |
| Queensbury Town.....               | 1                                |         | 1   |   |                                | 1                                  |
| New York City.....                 | 1                                |         |   |   |                                |                                    |
| Total.....                         | 31                               | 2       | 3   | 14  | 12                             |                                    |

**SMALLPOX—Continued.**  
**State Reports for December, 1919.**

| Place.                         | Cases. | Deaths. | Place.                            | Cases. | Deaths. |
|--------------------------------|--------|---------|-----------------------------------|--------|---------|
| <b>Arkansas (December):</b>    |        |         | <b>Louisiana (December)—Con.</b>  |        |         |
| Arkansas County.....           | 1      |         | Vernon Parish.....                | 1      |         |
| Benton County.....             | 5      |         | West Carroll Parish.....          | 1      |         |
| Craighead County.....          | 1      |         | Winn Parish.....                  | 1      |         |
| Cra' f'r County.....           | 1      |         | Total.....                        | 14     |         |
| Faulkner County.....           | 1      |         | <b>New Jersey (December):</b>     |        |         |
| Garland County.....            | 13     |         | Essex County.....                 | 3      |         |
| Greene County.....             | 10     |         | <b>North Carolina (December):</b> |        |         |
| Izard County.....              | 4      |         | Bertie County.....                | 3      |         |
| Jeffers'n County.....          | 1      |         | Buncombe County.....              | 2      |         |
| Little River County.....       | 1      |         | Cleveland County.....             | 2      |         |
| Miller County.....             | 5      |         | Columbus County.....              | 1      |         |
| Mississippi County.....        | 4      |         | Cumberland County.....            | 2      |         |
| Perry County.....              | 6      |         | Edgecombe County.....             | 1      |         |
| Pike County.....               | 1      |         | Forsyth County.....               | 1      |         |
| Pula'ki C'nty.....             | 2      |         | Franklin County.....              | 1      |         |
| Sebastian C'nty.....           | 1      |         | Gaston County.....                | 2      |         |
| St. Francis County.....        | 7      |         | Granville County.....             | 55     |         |
| Woodruff County.....           | 1      |         | Guilford County.....              | 3      |         |
| Total.....                     | 65     |         | Henderson County.....             | 1      |         |
| <b>Connecticut (December):</b> |        |         | Hert'ord County.....              | 7      |         |
| New Haven County—              |        |         | Iredell County.....               | 5      |         |
| Waterbury.....                 | 5      |         | Jackson County.....               | 1      |         |
| <b>Indiana (December):</b>     |        |         | Madison County.....               | 1      |         |
| Carr' ll County.....           | 2      |         | Martin County.....                | 13     |         |
| Cass County.....               | 6      |         | McDowell County.....              | 9      |         |
| Clinton County.....            | 1      |         | New Hanover County.....           | 1      |         |
| Da' iss County.....            | 3      |         | Pasquotank County.....            | 2      |         |
| De lawa' County.....           | 1      |         | Perquimans County.....            | 8      |         |
| Elkhart County.....            | 5      |         | Pitt County.....                  | 34     |         |
| Fountain County.....           | 21     |         | Polk County.....                  | 1      |         |
| Frarklin County.....           | 6      |         | Rockingham County.....            | 20     |         |
| Gibson County.....             | 8      |         | Rutherford County.....            | 7      |         |
| Grant County.....              | 2      |         | Scotland County.....              | 1      |         |
| Hamilton County.....           | 1      |         | Surry County.....                 | 5      |         |
| Hancock County.....            | 7      |         | Vance County.....                 | 1      |         |
| Howard County.....             | 49     |         | Washington County.....            | 4      |         |
| Huntington County.....         | 20     |         | Wayne County.....                 | 8      |         |
| Jackson County.....            | 5      |         | Wilson County.....                | 1      |         |
| Jay County.....                | 1      |         | Total.....                        | 203    |         |
| Jefferson County.....          | 1      |         | <b>Rhode Island (December):</b>   |        |         |
| Jennings County.....           | 1      |         | Providence County—                |        |         |
| Johnson County.....            | 4      |         | Providence.....                   | 1      |         |
| Knox County.....               | 5      |         | <b>South Carolina (December):</b> |        |         |
| Lake County.....               | 6      |         | Greenville County.....            | 7      |         |
| Lap' rite County.....          | 27     |         | Pleven's County.....              | 5      |         |
| Madison County.....            | 18     |         | Richland County.....              | 1      |         |
| Mari' n County.....            | 37     |         | Spartanburg County.....           | 17     |         |
| Martin County.....             | 3      |         | Union County.....                 | 5      |         |
| Miami County.....              | 1      |         | Total.....                        | 35     |         |
| Montgomery County.....         | 15     |         | <b>Washington (December):</b>     |        |         |
| Orange County.....             | 1      |         | Adams County.....                 | 2      |         |
| Porter County.....             | 4      |         | Ritzville.....                    | 3      |         |
| Poye County.....               | 3      |         | Columbia County.....              | 27     |         |
| Riley County.....              | 4      |         | Dayton.....                       | 40     |         |
| Spencer County.....            | 7      |         | Starbuck.....                     | 13     |         |
| Starke County.....             | 2      |         | Cowf'e County.....                | 3      |         |
| St. Joseph County.....         | 23     |         | Franklin County.....              | 6      |         |
| Sulliv'an County.....          | 9      |         | Garfield County.....              | 9      |         |
| Tippecane County.....          | 19     |         | Grant County—                     |        |         |
| Tipton County.....             | 1      |         | Hartline.....                     | 2      |         |
| Vanderburg County.....         | 93     |         | Grays Harbor County.....          | 5      |         |
| Vermilion County.....          | 8      |         | Aberdeen.....                     | 1      |         |
| Vigo County.....               | 38     |         | Hoquiam.....                      | 8      |         |
| Whabash County.....            | 2      |         | Montesano.....                    | 1      |         |
| Warren County.....             | 12     |         | Island County.....                | 7      |         |
| Warwick County.....            | 19     |         | Oak Harbor.....                   | 1      |         |
| Wayne County.....              | 8      |         | Jefferson County.....             | 4      |         |
| Wells County.....              | 3      |         | King County—                      |        |         |
| White County.....              | 1      |         | Renton.....                       | 1      |         |
| Total.....                     | 513    |         | Seattle.....                      | 44     |         |
| <b>Louisiana (December):</b>   |        |         | Kittitas County.....              | 10     |         |
| Assumpti'n Parish.....         | 1      |         | Ellensburg.....                   | 30     |         |
| Avoyelles Parish.....          | 1      |         | Klickitat County.....             | 1      |         |
| Caddo Parish.....              | 3      |         | Lewis County—                     |        |         |
| Natchitoches Parish.....       | 1      |         | Centralia.....                    | 1      |         |
| Orleans Parish.....            | 5      |         | Toledo.....                       | 8      |         |

January 30, 1920.

## SMALLPOX—Continued.

## State Reports for December, 1919—Continued.

| Place.                           | Cases. | Deaths. | Place.                           | Cases. | Deaths. |
|----------------------------------|--------|---------|----------------------------------|--------|---------|
| Washington (December)—Continued. |        |         | Washington (December)—Continued. |        |         |
| Lincoln County.....              | 4      |         | Thurston County.....             | 4      |         |
| Reardan.....                     | 1      |         | Olympia.....                     | 3      |         |
| Mason County.....                | 4      |         | Walla Walla County.....          | 17     |         |
| Pend Oreille County.....         | 8      |         | Walla Walla.....                 | 14     |         |
| Pierce County.....               | 2      |         | Waitsburg.....                   | 2      |         |
| Tacoma.....                      | 10     |         | Whatcom County.....              | 3      |         |
| Skagit County.....               | 4      |         | Bellingham.....                  | 47     |         |
| Sedro Woolley.....               | 7      |         | Whitman County.....              |        |         |
| Snohomish County.....            | 4      |         | Tekoa.....                       | 1      |         |
| Everett.....                     | 6      |         | Yakima County.....               | 75     |         |
| Granite Falls.....               | 3      |         | Granger.....                     | 17     |         |
| Spokane County.....              | 8      |         | Toppenish.....                   | 2      |         |
| Deer Park.....                   | 1      |         | Wapato.....                      | 3      |         |
| Hillyard.....                    | 9      |         | Total.....                       | 795    |         |
| Medical Lake.....                | 7      |         |                                  |        |         |
| Spokane.....                     | 293    |         |                                  |        |         |

## City Reports for Week Ended Jan. 10, 1920.

| Place.                    | Cases. | Deaths. | Place.                    | Cases. | Deaths. |
|---------------------------|--------|---------|---------------------------|--------|---------|
| Aberdeen, Wash.....       | 1      |         | Mankato, Minn.....        | 1      |         |
| Akron, Ohio.....          | 1      |         | Marion, Ohio.....         | 1      |         |
| Alameda, Calif.....       | 8      |         | Marshalltown, Iowa.....   | 8      |         |
| Appleton, Wis.....        | 5      |         | Mason City, Iowa.....     | 8      |         |
| Atchison, Kans.....       | 1      |         | Milwaukee, Wis.....       | 7      |         |
| Atlanta, Ga.....          | 3      |         | Minneapolis, Minn.....    | 31     |         |
| Auburn, N. Y.....         | 1      |         | Mishawaka, Ind.....       | 1      |         |
| Austin, Tex.....          | 1      |         | Monmouth, Ill.....        | 18     |         |
| Bellingham, Wash.....     | 11     |         | Monte'air, N. J.....      | 2      |         |
| Berkeley, Calif.....      | 1      |         | Muskogee, Okla.....       | 3      |         |
| Billings, Mont.....       | 1      |         | New Orleans, La.....      | 17     | 1       |
| Birmingham, Ala.....      | 16     |         | Oakland, Calif.....       | 1      |         |
| Bloomfield, N. J.....     | 2      |         | Ogden, Utah.....          | 55     |         |
| Bluefield, W. Va.....     | 12     |         | Oklahoma City, Okla.....  | 2      |         |
| Boise, Idaho.....         | 4      |         | Omaha, Nebr.....          | 8      |         |
| Bou'der, Colo.....        | 1      |         | Oshkosh, Wis.....         | 1      |         |
| Buff'a, N. Y.....         | 3      |         | Paducah, Ky.....          | 2      |         |
| Canton, Ohio.....         | 4      |         | Parkersburg, W. Va.....   | 2      |         |
| Cape Girardeau, Mo.....   | 4      |         | Parsons, Kans.....        | 1      |         |
| Cheyenne, Wyo.....        | 1      |         | Peoria, Ill.....          | 2      |         |
| Cincinnati, Ohio.....     | 2      |         | Petersburg, Va.....       | 1      |         |
| Cleveland, Ohio.....      | 2      |         | Phi'adelphia, Pa.....     | 1      |         |
| Columbus, Ohio.....       | 3      |         | Pine Bluff, Ark.....      | 1      |         |
| Council Bluffs, Iowa..... | 4      |         | Piqua, Ohio.....          | 11     |         |
| Dallas, Tex.....          | 46     |         | Pocatella, Idaho.....     | 16     |         |
| Danville, Ill.....        | 4      |         | Pontiac, Mich.....        | 10     |         |
| Danville, Va.....         | 2      |         | Portland, Oreg.....       | 155    | 1       |
| Davenport, Iowa.....      | 29     |         | Portsmouth, Va.....       | 2      |         |
| Denver, Colo.....         | 55     |         | Racine, Wis.....          | 4      |         |
| Des Moines, Iowa.....     | 1      |         | Richmond, Ind.....        | 1      |         |
| Detroit, Mich.....        | 17     |         | Riverside, Calif.....     | 6      |         |
| Dubuque, Iowa.....        | 3      |         | Rock Is'and, Ill.....     | 4      |         |
| Duluth, Minn.....         | 3      |         | Rocky Mount, N. C.....    | 1      |         |
| El Paso, Tex.....         | 2      |         | Sacramento, Calif.....    | 3      |         |
| Eureka, Calif.....        | 1      |         | St. Joseph, Mo.....       | 72     |         |
| Everett, Wash.....        | 4      |         | St. Paul, Minn.....       | 33     |         |
| Fargo, N. Dak.....        | 2      |         | Salem, Oreg.....          | 3      |         |
| Gary, Ind.....            | 2      |         | Salt Lake City, Utah..... | 4      |         |
| Great Falls, Mont.....    | 2      |         | Sandusky, Ohio.....       | 1      |         |
| Green Bay, Wis.....       | 16     |         | Seatt'e, Wash.....        | 51     |         |
| Hammond, Ind.....         | 4      |         | Sioux Falls, S. Dak.....  | 2      |         |
| Highland Park, Mich.....  | 1      |         | South Bend, Ind.....      | 7      |         |
| Huntington, Ind.....      | 1      |         | Spartanburg, S. C.....    | 2      |         |
| Huntington, W. Va.....    | 5      |         | Spokane, Wash.....        | 56     |         |
| Indianapolis, Ind.....    | 22     |         | Steubenville, Ohio.....   | 1      |         |
| Iola, Kans.....           | 1      |         | Superior, Wis.....        | 6      |         |
| Ironwood, Mich.....       | 1      |         | Tacoma, Wash.....         | 6      |         |
| Janesville, Wis.....      | 3      |         | Toledo, Ohio.....         | 1      |         |
| Kalamazoo, Mich.....      | 3      |         | Topeka, Kans.....         | 1      |         |
| Kansas City, Kans.....    | 1      |         | Waco, Tex.....            | 2      |         |
| Kansas City, Mo.....      | 15     | 1       | Wa'la Walla, Wash.....    | 4      |         |
| Kokomo, Ind.....          | 38     |         | Wausau, Wis.....          | 4      |         |
| Lafayette, Ind.....       | 2      |         | Wichita, Kans.....        | 1      |         |
| Leavenworth, Kans.....    | 1      |         | Wilmington, N. C.....     | 3      | 1       |
| Lincoln, Nebr.....        | 9      |         | Winston-Salem, N. C.....  | 1      |         |
| Logansport, Ind.....      | 27     |         | Yakima, Wash.....         | 15     |         |
| Los Angeles, Calif.....   | 5      |         | Youngstown, Ohio.....     | 13     |         |
| Manitowoc, Wis.....       | 3      |         |                           |        |         |

**TETANUS.****Fort Worth, Tex., and Wilmington, N. C., Week Ended Jan. 10, 1920.**

During the week ended January 10, 1920, 4 cases of tetanus were reported in Fort Worth, Tex., and 1 death in Wilmington, N. C.

**TUBERCULOSIS.**

See Telegraphic Weekly reports from States, p. 229, and Weekly reports from cities, p. 254.

**TYPHOID FEVER.****State Reports for November and December, 1919.**

| Place.                   | New cases reported. | Place.                        | New cases reported. |
|--------------------------|---------------------|-------------------------------|---------------------|
| Arkansas (December):     |                     | Indiana (December)—Continued. |                     |
| Baxter County.....       | 2                   | Jay County.....               | 3                   |
| Carroll County.....      | 1                   | Jefferson County.....         | 4                   |
| Clay County.....         | 2                   | Lake County.....              | 9                   |
| Clark County.....        | 1                   | La Porte County.....          | 1                   |
| Conway County.....       | 3                   | Lawrence County.....          | 1                   |
| Crawford County.....     | 4                   | Madison County.....           | 1                   |
| Dallas County.....       | 3                   | Marion County.....            | 2                   |
| Drew County.....         | 3                   | Morgan County.....            | 4                   |
| Faulkner County.....     | 6                   | Noble County.....             | 1                   |
| Franklin County.....     | 1                   | Ohio County.....              | 3                   |
| Greene County.....       | 1                   | Park County.....              | 4                   |
| Hempstead County.....    | 1                   | Putnam County.....            | 1                   |
| Hot Spring County.....   | 10                  | Randolph County.....          | 3                   |
| Independence County..... | 2                   | Rush County.....              | 1                   |
| Izard County.....        | 2                   | St. Francis County.....       | 3                   |
| Jackson County.....      | 3                   | Union County.....             | 3                   |
| Lafayette County.....    | 4                   | Vigo County.....              | 4                   |
| Little River County..... | 1                   | Wabash County.....            | 1                   |
| Logan County.....        | 3                   | Washington County.....        | 1                   |
| Miller County.....       | 1                   | Wayne County.....             | 1                   |
| Ouachita County.....     | 2                   | Whitley County.....           | 2                   |
| Perry County.....        | 1                   |                               |                     |
| Pulaski County.....      | 2                   | Total.....                    | 74                  |
| Saline County.....       | 2                   |                               |                     |
| Scott County.....        | 1                   | Kansas (December):            |                     |
| Sebastian County.....    | 5                   | Bourbon County—               |                     |
| Sharp County.....        | 1                   | Fort Scott.....               | 1                   |
| Washington County.....   | 5                   | Butler County—                |                     |
| White County.....        | 1                   | Midian.....                   | 1                   |
|                          | 74                  | Augusta.....                  | 1                   |
| Total.....               |                     | El Dorado.....                | 3                   |
| Connecticut (December):  |                     | Cherokee County—              |                     |
| Hartford County—         |                     | Galena.....                   | 8                   |
| East Hartford.....       | 1                   | Crawford County—              |                     |
| Hartford.....            | 1                   | Frontenac.....                | 1                   |
| Windsor Locks.....       | 1                   | Pittsburg.....                | 1                   |
| Litchfield County—       |                     | Doniphan County—              |                     |
| Torrington.....          | 1                   | White Cloud.....              | 2                   |
| Middlesex County—        |                     | Douglas County—               |                     |
| East Hampton.....        | 1                   | Eudora.....                   | 1                   |
| Middletown.....          | 1                   | Jackson County—               |                     |
| New Haven County—        |                     | Holton.....                   | 1                   |
| Ansonia.....             | 1                   | Lyon County—                  |                     |
| Milford.....             | 2                   | Emporia (RFD).....            | 1                   |
| New Haven.....           | 1                   | Marshall County—              |                     |
| New London County—       |                     | Marysville.....               | 1                   |
| Groton.....              | 2                   | Irving.....                   | 1                   |
| New London.....          | 1                   | Meade County—                 |                     |
| Windham County—          |                     | Englewood.....                | 1                   |
| Eastford.....            | 2                   | Plains.....                   | 1                   |
| Windham.....             | 1                   | Miami County—                 |                     |
|                          | 16                  | Paola.....                    | 1                   |
| Total.....               |                     | Montgomery County—            |                     |
| Indiana (December):      |                     | Coffeyville.....              | 2                   |
| Allen County.....        | 3                   | Independence.....             | 2                   |
| Boone County.....        | 1                   | Shawnee County—               |                     |
| Brown County.....        | 1                   | Tecumseh.....                 | 1                   |
| Clay County.....         | 4                   | Wilson County—                |                     |
| Decatur County.....      | 2                   | Covington.....                | 1                   |
| Elkhart County.....      | 5                   | Wyandotte County—             |                     |
| Fayette County.....      | 4                   | Kansas City.....              | 1                   |
| Huntington County.....   | 1                   |                               |                     |
|                          |                     | Total.....                    | 33                  |

January 30, 1920.

## TYPHOID FEVER—Continued.

## State Reports for November and December, 1919—Continued.

| Place.                     | New cases reported. | Place.                         | New cases reported. |
|----------------------------|---------------------|--------------------------------|---------------------|
| Louisiana (December):      |                     | Michigan (December)—Continued. |                     |
| Acadia Parish.....         | 2                   | Washtenaw County—              |                     |
| Avoyelles Parish.....      | 10                  | Lima Township.....             | 1                   |
| Caddo Parish.....          | 26                  | Saline Township.....           | 2                   |
| De Soto Parish.....        | 2                   | Wayne County—                  |                     |
| East Feliciana Parish..... | 2                   | Taylor Township.....           | 6                   |
| Iberville Parish.....      | 2                   | Ecorse.....                    | 4                   |
| Lafayette Parish.....      | 1                   | Highland Park.....             | 1                   |
| La Salle Parish.....       | 2                   | Wyandotte.....                 | 6                   |
| Orleans Parish.....        | 10                  | Detroit.....                   | 11                  |
| Ouachita Parish.....       | 2                   | Kent County—                   |                     |
| Pointe Coupee Parish.....  | 1                   | Grand Rapids.....              | 1                   |
| Sabine Parish.....         | 4                   | Total.....                     | 94                  |
| St. Charles Parish.....    | 1                   |                                |                     |
| St. James Parish.....      | 1                   | Minnesota (November):          |                     |
| St. Landry Parish.....     | 1                   | Clay County—                   |                     |
| St. Martin Parish.....     | 1                   | Mornen Township.....           | 1                   |
| Tangipahoa Parish.....     | 3                   | Crow Wing County—              |                     |
| Washington Parish.....     | 2                   | Crosby.....                    | 1                   |
| Total.....                 | 73                  | Goodhue County—                |                     |
| Michigan (December):       |                     | Red Wing.....                  | 4                   |
| Alpena County—             |                     | Hennepin County—               |                     |
| Alpena.....                |                     | Minneapolis.....               | 8                   |
| Barry County—              |                     | Itasca County—                 |                     |
| Hastings.....              | 1                   | Nashawauk.....                 | 1                   |
| Bay County—                |                     | Kitson County—                 |                     |
| Bay City.....              |                     | Hampden Township.....          | 9                   |
| Berrien County—            |                     | Lac qui Parle County—          |                     |
| Niles.....                 |                     | Maxwell Township.....          | 1                   |
| Calhoun County—            |                     | Lake County—                   |                     |
| Washington Heights.....    | 1                   | Two Harbors.....               | 1                   |
| Battle Creek.....          | 1                   | Marshall County—               |                     |
| Clinton County—            |                     | Stephen.....                   | 1                   |
| Bengal Township.....       |                     | Mower County—                  |                     |
| Dallas Township.....       | 1                   | Austin.....                    | 1                   |
| Genesee County—            |                     | Nicollet County—               |                     |
| Flint.....                 | 7                   | St. Peter.....                 | 2                   |
| Gratiot County—            |                     | Olmsted County—                |                     |
| Ithaca.....                |                     | Rochester.....                 | 1                   |
| Pine River Township.....   | 1                   | Otter Tail County—             |                     |
| Hillsdale County—          |                     | Fergus Falls.....              | 1                   |
| Hillsdale.....             |                     | Aurdal Township.....           | 2                   |
| Huron County—              |                     | Polk County—                   |                     |
| Sigel Township.....        | 1                   | Crookston.....                 | 1                   |
| Ingham County—             |                     | Ramsey County—                 |                     |
| Bunker Hill Township.....  | 1                   | St. Paul.....                  | 2                   |
| Leslie Township.....       | 1                   | Red Lake County—               |                     |
| Lansing.....               | 5                   | Red Lake Falls.....            | 2                   |
| Iosco County—              |                     | Redwood County—                |                     |
| Wilber Township.....       | 1                   | Redwood Falls.....             | 2                   |
| Kalamazoo County—          |                     | Paxton Township.....           | 1                   |
| Kalamazoo.....             | 1                   | Roseau County—                 |                     |
| Kalamazoo Township.....    | 5                   | Warroad.....                   | 1                   |
| Lenawee County—            | 1                   | St. Louis County—              |                     |
| Palmyra Township.....      | 1                   | Duluth.....                    | 3                   |
| Macomb County—             | 1                   | Ely.....                       | 1                   |
| Clinton Township.....      | 1                   | Hibbing.....                   | 2                   |
| Mount Clemens.....         | 3                   | Virginia.....                  | 1                   |
| Mecosta County—            |                     | Stearns County—                |                     |
| Chippewa Township.....     | 1                   | St. Cloud.....                 | 1                   |
| Collat Township.....       | 1                   | Swift County—                  |                     |
| Oakland County—            |                     | Appleton.....                  | 1                   |
| Pontiac Township.....      | 1                   | Traverse County—               |                     |
| Pontiac.....               | 1                   | Leonardsville Township.....    | 1                   |
| Ontonagon County—          | 8                   | Total.....                     | 53                  |
| Onionagon.....             | 2                   |                                |                     |
| Ottawa County—             |                     | New Jersey (December):         |                     |
| Holland.....               | 3                   | Bergen County.....             | 2                   |
| Saginaw County—            |                     | Burlington County.....         | 7                   |
| Tymouth Township.....      | 1                   | Camden County.....             | 1                   |
| Saginaw.....               | 4                   | Cumberland County.....         | 4                   |
| St. Clair County—          |                     | Essex County.....              | 9                   |
| Clay Township.....         | 1                   | Gloucester County.....         | 2                   |
| Port Huron.....            | 1                   | Hudson County.....             | 4                   |

## TYPHOID FEVER—Continued.

## State Reports for November and December, 1919—Continued.

| Place.                           | New cases reported. | Place.                         | New cases reported. |
|----------------------------------|---------------------|--------------------------------|---------------------|
| New Jersey (December)—Continued. |                     | New York (December)—Continued. |                     |
| Mercer County.....               | 6                   | Rensselaer County—             |                     |
| Middlesex County.....            | 1                   | Troy.....                      | 2                   |
| Monmouth County.....             | 7                   | St. Lawrence County—           |                     |
| Morris County.....               | 1                   | Gouverneur.....                | 1                   |
| Ocean County.....                | 3                   | Saratoga County—               |                     |
| Passaic County.....              | 2                   | Corinth Town.....              | 1                   |
| Union County.....                | 3                   | Seneca County—                 |                     |
| Total.....                       | 52                  | Lodi Town.....                 | 1                   |
| New York (December):             |                     | Steuben County—                |                     |
| Albany County—                   |                     | Addison.....                   | 1                   |
| Albany.....                      | 1                   | Corning Town.....              | 3                   |
| Ravenna.....                     | 1                   | Suffolk County—                |                     |
| Co'one' Town.....                | 1                   | Brookhaven Town.....           | 2                   |
| Allegany County—                 |                     | Sullivan County—               |                     |
| Caneadea Town.....               | 1                   | Rockland Town.....             | 1                   |
| Broome County—                   |                     | Tioga County—                  |                     |
| Barker Town.....                 | 1                   | Owego.....                     | 3                   |
| Union Town.....                  | 1                   | Tompkins County—               |                     |
| Cattaraugus County—              |                     | Dryden.....                    | 1                   |
| Olean.....                       | 1                   | Ulster County—                 |                     |
| Ellicottville.....               | 1                   | Kineston.....                  | 1                   |
| Humphrey Town.....               | 1                   | Denning Town.....              | 1                   |
| Cattaraugus.....                 | 1                   | Woodstock Town.....            | 1                   |
| Olean Town.....                  | 1                   | Warren County—                 |                     |
| Yorkshire Town.....              | 1                   | Bo't'n T'wn.....               | 1                   |
| Cayuga County—                   |                     | Wayne County—                  |                     |
| Auburn.....                      | 2                   | R'e' se Town.....              | 1                   |
| Chautauqua County—               |                     | New York City.....             | 41                  |
| Jamestown.....                   | 2                   | Total.....                     | 125                 |
| Brocton.....                     | 1                   | North Carolina (December):     |                     |
| Chemung County—                  |                     | Ashe County.....               | 1                   |
| Elmira.....                      | 1                   | Beaufort County.....           | 1                   |
| Clinton County—                  |                     | Bertie County.....             | 1                   |
| Plattsburg.....                  | 1                   | Bladen County.....             | 1                   |
| Erie County—                     |                     | Buncombe County.....           | 2                   |
| Buffalo.....                     | 2                   | Camden County.....             | 1                   |
| Tonawanda.....                   | 3                   | Carteret County.....           | 3                   |
| Williamsville.....               | 1                   | Clay County.....               | 1                   |
| Depew.....                       | 1                   | Cleveland County.....          | 1                   |
| Kenmore.....                     | 1                   | Cumberland County.....         | 1                   |
| Franklin County—                 |                     | Davidson County.....           | 1                   |
| Malone.....                      | 1                   | Dup'in County.....             | 1                   |
| Fulton County—                   |                     | Durham County.....             | 4                   |
| Gloversville.....                | 1                   | Forsyth County.....            | 4                   |
| Greene County—                   |                     | Gast'n County.....             | 7                   |
| New Baltimore Town.....          | 5                   | Greene County.....             | 1                   |
| Herkimer County—                 |                     | Johnst'n County.....           | 8                   |
| Sa'isbury Town.....              | 1                   | Mecklenburg County.....        | 1                   |
| Jefferson County—                |                     | Onslow County.....             | 1                   |
| Brownville.....                  | 1                   | Pasqu-tank County.....         | 3                   |
| Livingston County—               |                     | Perquimans County.....         | 5                   |
| Caledonia.....                   | 1                   | Person County.....             | 1                   |
| Monroe County—                   |                     | Pitt County.....               | 2                   |
| Rochester.....                   | 2                   | Randolph County.....           | 3                   |
| Mendon Town.....                 | 1                   | R'ekingham County.....         | 4                   |
| Niagara County—                  |                     | Rutherford County.....         | 3                   |
| Lockport.....                    | 2                   | Stanley County.....            | 1                   |
| Niagara Falls.....               | 3                   | Surry County.....              | 1                   |
| North Tonawanda.....             | 1                   | Union County.....              | 1                   |
| La Salle.....                    | 1                   | Warren County.....             | 1                   |
| Oneida County—                   |                     | Washington County.....         | 1                   |
| Kirkland Town.....               | 1                   | Watauga County.....            | 1                   |
| Whitesboro.....                  | 1                   | Wayne County.....              | 1                   |
| Onondaga County—                 |                     | Wi'kes County.....             | 1                   |
| Syracuse.....                    | 2                   | Yancey County.....             | 1                   |
| Solvay.....                      | 1                   | Total.....                     | 74                  |
| Liverpool.....                   | 2                   | Rhode Island (December):       |                     |
| Orange County—                   |                     | Providence County—             |                     |
| Newburgh.....                    | 3                   | Pawtucket.....                 |                     |
| Orleans County—                  |                     | Providence.....                | 1                   |
| Albion.....                      | 1                   | Total.....                     | 2                   |
| Murray Town.....                 | 2                   |                                |                     |
| Oswego County—                   |                     |                                |                     |
| Oswego.....                      | 1                   |                                |                     |
| Scriba Town.....                 | 1                   |                                |                     |
| Otsego County—                   |                     |                                |                     |
| Otego.....                       | 1                   |                                |                     |

## TYPHOID FEVER—Continued.

## State Reports for November and December, 1919—Continued.

| Place.                     | New cases reported. | Place.                           | New cases reported. |
|----------------------------|---------------------|----------------------------------|---------------------|
| South Carolina (December): |                     | Washington (December)—Continued. |                     |
| Abbeville County.....      | 2                   | Okanogan County.....             | 2                   |
| Anderson County.....       | 1                   | Twisp.....                       | 1                   |
| Chester County.....        | 1                   | Pacific County.....              | 1                   |
| Chesterfield County.....   | 1                   | Pierce County.....               | 1                   |
| Marion County.....         | 5                   | Dupont.....                      |                     |
| Newberry County.....       | 1                   | Skagit County.....               |                     |
| Richland County.....       | 2                   | Mount Vernon.....                | 1                   |
| Total.....                 | 13                  | Snohomish County.....            | 1                   |
| Washington (December):     |                     | Spokane.....                     | 2                   |
| Chelan County.....         | 5                   | Thurston County.....             | 1                   |
| Wenatchee.....             | 27                  | Walla Walla County.....          | 1                   |
| Garfield County.....       | 1                   | Walla Walla.....                 | 1                   |
| Grays Harbor County—       |                     | Whatcom County.....              | 1                   |
| Montesano.....             | 1                   | Bellingham.....                  | 1                   |
| King County—               |                     | Yakima County.....               | 2                   |
| Seattle.....               | 2                   | Total.....                       | 52                  |

## City Reports for Week Ended Jan. 10, 1920.

| Place.                   | Cases. | Deaths. | Place.                      | Cases. | Deaths. |
|--------------------------|--------|---------|-----------------------------|--------|---------|
| Baltimore, Md.....       | 2      | 1       | Macon, Ga.....              | 1      | 1       |
| Birmingham, Ala.....     | 1      |         | Mattoon, Ill.....           | 1      | 1       |
| Boston, Mass.....        | 3      |         | Memphis, Tenn.....          | 1      |         |
| Brockton, Mass.....      | 2      |         | Milwaukee, Wis.....         | 3      | 1       |
| Buffalo, N. Y.....       | 1      |         | Montclair, N. J.....        | 1      |         |
| Cambridge, Mass.....     | 2      | 1       | Montgomery, Ala.....        | 1      |         |
| Charleston, S. C.....    |        |         | Morgantown, W. Va.....      | 1      |         |
| Chattanooga, Tenn.....   |        |         | Nashville, Tenn.....        | 1      |         |
| Chelsea, Mass.....       | 2      | 1       | New Bedford, Mass.....      | 2      |         |
| Chicago, Ill.....        | 5      |         | New Orleans, La.....        | 3      | 1       |
| Cincinnati, Ohio.....    | 1      |         | New York, N. Y.....         | 19     | 1       |
| Cleveland, Ohio.....     |        |         | Northampton, Mass.....      | 3      |         |
| Coffeyville, Kans.....   | 2      |         | Oklahoma City, Okla.....    |        | 1       |
| Decatur, Ill.....        |        |         | Omaha, Nebr.....            | 1      | 1       |
| Detroit, Mich.....       | 4      | 1       | Orange, Conn.....           | 1      | 1       |
| Duluth, Minn.....        | 1      |         | Pasadena, Calif.....        | 1      |         |
| East St. Louis, Ill..... | 1      |         | Paterson, N. J.....         | 2      |         |
| Elkhart, Ind.....        | 1      |         | Petersburg, Va.....         | 1      |         |
| El Paso, Tex.....        | 1      | 1       | Philadelphia, Pa.....       | 8      | 1       |
| Fairmont, W. Va.....     | 1      |         | Pittsburgh, Pa.....         | 4      | 1       |
| Fargo, N. Dak.....       | 1      |         | Plainfield, N. J.....       |        | 1       |
| Fort Wayne, Ind.....     | 2      |         | Portland, Oreg.....         | 1      |         |
| Grand Rapids, Mich.....  | 1      |         | Richmond, Ind.....          |        |         |
| Hammond, Ind.....        | 1      |         | Richmond, Va.....           | 2      |         |
| Hoboken, N. J.....       | 1      |         | Rock Island, Ill.....       | 1      | 1       |
| Independence, Mo.....    | 1      |         | Saginaw, Mich.....          | 2      |         |
| Indianapolis, Ind.....   | 1      | 1       | St. Louis, Mo.....          | 1      | 1       |
| Ironton, Ohio.....       | 3      |         | St. Paul, Minn.....         | 1      |         |
| Kansas City, Mo.....     | 1      |         | Sault Ste. Marie, Mich..... | 1      |         |
| Kewanee, Ill.....        |        |         | Savannah, Ga.....           |        |         |
| Knoxville, Tenn.....     | 1      | 1       | Seattle, Wash.....          | 1      |         |
| Lawrence, Mass.....      | 2      |         | Somerville, Mass.....       | 1      |         |
| Leominster, Mass.....    | 1      |         | Waco, Tex.....              |        |         |
| Lexington, Ky.....       | 1      | 2       | Wichita, Kans.....          | 1      |         |
| Lockport, N. Y.....      | 1      | 1       | Wilmington, N. C.....       | 1      |         |
| Los Angeles, Calif.....  | 2      | 1       | Youngstown, Ohio.....       |        | 1       |
| Louisville, Ky.....      | 2      |         |                             |        |         |

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

## City Reports for Week Ended Jan. 10, 1920.

| City.                 | Population as of<br>July 1, 1917<br>(estimated<br>by U. S.<br>Census<br>Bureau). | Total<br>deaths<br>from<br>all<br>causes. | Diphtheria. |         | Measles. |         | Scarlet<br>fever. |         | Tuber-<br>culosis. |         |
|-----------------------|--|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
|                       |  |   | Cases.      | Deaths. | Cases.   | Deaths. | Cases.            | Deaths. | Cases.             | Deaths. |
| Adams, Mass.          | 14,406   |   |             |         |          |         | 2                 |         |                    |         |
| Akron, Ohio           | 93,604   | 30  | 9           |         | 100      |         | 83                |         | 2                  |         |
| Alameda, Calif.       | 28,433   | 7   | 4           |         | 37       |         |                   |         | 1                  |         |
| Albany, N. Y.         | 106,632  |   | 6           |         | 2        |         | 12                |         | 9                  |         |
| Alexandria, Va.       | 17,959   | 12  |             |         |          |         | 1                 |         | 1                  |         |
| Alliance, Ohio        | 19,581   | 2   |             |         | 15       |         |                   |         | 1                  |         |
| Amesbury, Mass.       | 10,200   | 2   |             |         |          |         |                   |         |                    |         |
| Anaconda, Mont.       | 10,631   | 3   |             |         |          |         | 1                 |         |                    |         |
| Ann Arbor, Mich.      | 15,041   | 9   | 6           |         | 1        |         | 2                 |         | 1                  |         |
| Anniston, Ala.        | 14,326   |   |             |         |          |         |                   |         |                    |         |
| Ansonia, Conn.        | 16,954   | 3   |             |         |          |         | 3                 |         |                    |         |
| Appleton, Wis.        | 18,005   |   |             |         |          |         | 4                 |         |                    |         |
| Arington, Mass.       | 13,073   | 5   |             |         | 2        |         |                   |         |                    |         |
| Asbury Park, N. J.    | 14,629   | 3   |             |         |          |         | 1                 |         |                    |         |
| Ashtabula, Ohio       | 22,008   | 5   |             |         |          |         |                   |         |                    |         |
| Atchison, Kans.       | 16,785   |   |             |         |          |         | 3                 |         |                    |         |
| Atlanta, Ga.          | 196,144  | 69  | 4           |         | 13       |         | 3                 |         | 1                  |         |
| Atlantic City, N. J.  | 59,515   | 12  | 4           |         | 53       |         | 3                 |         | 2                  |         |
| Attleboro, Mass.      | 19,776   | 7   | 4           | 1       |          |         | 8                 |         | 1                  |         |
| Auburn, Me.           | 16,607   |   |             |         |          |         | 1                 |         | 2                  |         |
| Auburn, N. Y.         | 37,823   | 10  | 3           |         |          |         | 2                 |         | 2                  |         |
| Aurora, Ill.          | 34,795   | 16  |             |         |          |         |                   |         |                    |         |
| Austin, Tex.          | 35,612   | 9   | 3           |         |          |         |                   |         |                    |         |
| Baltimore, Md.        | 504,637  | 194                                       | 51          | 5       | 93       | 1       | 44                |         | 38                 | 22      |
| Bangor, Me.           | 26,958   |   |             |         |          |         | 2                 |         |                    |         |
| Battle Creek, Mich.   | 30,159   |   | 6           |         | 3        |         | 10                |         | 3                  |         |
| Bayonne, N. J.        | 72,204   |   | 10          |         |          |         |                   |         |                    |         |
| Beatrice, Nebr.       | 10,437   |   | 3           |         |          |         |                   |         |                    |         |
| Beaumont, Tex.        | 28,851   |   | 17          |         |          |         |                   |         |                    |         |
| Bedford, Ind.         | 10,613   | 2   |             |         | 3        |         |                   |         |                    |         |
| Belleville, N. J.     | 12,797   |   | 1           |         | 2        |         | 1                 |         | 1                  |         |
| Bellingham, Wash.     | 34,362   |   | 2           |         |          |         | 2                 |         |                    |         |
| Beloit, Wis.          | 18,547   |   |             |         |          |         | 4                 |         |                    |         |
| Berkeley, Calif.      | 60,427   | 9   | 2           |         | 54       |         | 4                 |         |                    |         |
| Berlin, N. H.         | 13,892   | 7   |             |         |          |         | 3                 |         |                    |         |
| Beverly, Mass.        | 22,128   | 6   | 2           |         |          |         |                   |         |                    |         |
| Billings, Mont.       | 13,123   | 4   |             |         |          |         |                   |         |                    |         |
| Binghamton, N. Y.     | 54,864   | 18  | 1           |         | 2        |         | 2                 |         | 3                  |         |
| Birmingham, Ala.      | 189,716  | 57  | 4           | 1       | 9        |         | 4                 |         | 2                  |         |
| Bloomfield, N. J.     | 19,013   | 3   | 1           |         |          |         | 1                 |         |                    |         |
| Bloomington, Ill.     | 27,462   | 6   |             |         |          |         | 2                 |         | 3                  |         |
| Boise, Idaho          | 35,951   | 8   |             |         |          |         | 3                 |         |                    |         |
| Boston, Mass.         | 767,813  | 255                                       | 48          | 6       | 254      | 1       | 65                | 2       | 53                 | 20      |
| Boulder, Colo.        | 12,012   | 5   |             |         | 1        |         |                   |         |                    |         |
| Brazil, Ind.          | 10,472   |   | 1           |         |          |         |                   |         |                    |         |
| Bridgeport, Conn.     | 124,724  | 37  | 20          | 2       | 55       | 1       | 4                 |         | 1                  | 4       |
| Bristol, Conn.        | 16,318   | 3   | 2           |         |          |         | 4                 |         | 1                  | 1       |
| Brockton, Mass.       | 69,152   | 17  | 3           | 1       | 71       | 1       | 4                 |         | 1                  | 1       |
| Brookline, Mass.      | 33,526   | 6   |             |         | 14       |         |                   |         |                    |         |
| Brunswick, Ga.        | 10,984   | 3   |             |         |          |         |                   |         |                    |         |
| Buffalo, N. Y.        | 475,781  | 141                                       | 52          | 10      | 25       |         | 24                | 1       | 12                 | 11      |
| Burlington, Iowa      | 25,144   | 6   | 2           |         |          |         | 1                 |         |                    |         |
| Burlington, Vt.       | 21,802   | 5   | 1           |         |          |         |                   |         |                    |         |
| Butte, Mont.          | 44,057   | 15  | 1           | 1       | 1        |         | 6                 | 1       |                    | 1       |
| Cairo, Ill.           | 15,995   | 5   | 1           |         |          |         |                   |         |                    |         |
| Cambridge, Mass.      | 114,293  | 41  | 10          | 1       | 30       |         | 8                 |         | 7                  | 2       |
| Camden, N. J.         | 108,117  |   | 5           |         | 14       |         | 4                 |         | 5                  |         |
| Canton, Ill.          | 13,674   | 3   |             |         |          |         |                   |         |                    |         |
| Canton, Ohio          | 62,566   | 19  |             |         | 1        |         | 5                 |         |                    |         |
| Cape Girardeau, Mo.   | 11,146   | 6   | 2           |         |          |         | 2                 |         |                    |         |
| Cedar Rapids, Iowa    | 38,033   |   | 3           | 1       |          |         |                   |         |                    |         |
| Centralia, Ill.       | 11,838   | 3   |             |         | 3        |         |                   |         |                    |         |
| Chanute, Kans.        | 12,968   | 4   |             |         | 1        |         |                   |         |                    |         |
| Charleston, S. C.     | 61,041   | 40  | 2           | 1       | 4        |         |                   |         |                    |         |
| Charleston, W. Va.    | 31,060   | 9   |             |         | 1        |         | 2                 |         |                    |         |
| Charlotte, N. C.      | 40,759   | 15  | 3           |         |          |         |                   |         |                    |         |
| Chattanooga, Tenn.    | 61,575   | 17  | 3           |         |          |         | 3                 |         | 1                  | 2       |
| Chester, Mass.        | 48,405   | 18  |             |         |          |         | 2                 |         | 1                  |         |
| Cheyenne, Wyo.        | 11,320   | 1   |             |         | 1        |         |                   |         |                    |         |
| Chicago Heights, Ill. | 22,863   | 5   | 1           | 1       | 12       |         |                   | 4       |                    |         |
| Chicago, Ill.         | 2,547,201  | 688                                       | 163         | 17      | 253      | 3       | 316               | 6       | 292                | 44      |
| Chicopee, Mass.       | 29,950   | 7   | 1           | 1       | 4        |         | 8                 |         | 1                  | 3       |
| Chillicothe, Ohio     | 16,255   | 5   |             |         |          |         | 1                 |         |                    |         |

<sup>1</sup> Population Apr. 15, 1910.

January 30, 1920.

**DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—  
Continued.**

**City Reports for Week Ended Jan. 10, 1920—Continued.**

| City.                      | Population as of July 1, 1917 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. |         | Measles. |         | Scarlet fever. |         | Tuberculosis. |         |
|----------------------------|---|-------------------------------|-------------|---------|----------|---------|----------------|---------|---------------|---------|
|                            |   |                               | Cases.      | Deaths. | Cases.   | Deaths. | Cases.         | Deaths. | Cases.        | Deaths. |
| Cincinnati, Ohio.....      | 414,248   | 141                           | 6           | 1       | 92       | 5       | 61             | 4       | 15            | 17      |
| Cleveland, Ohio.....       | 692,259   | 194                           | 55          | 4       | 261      | 1       | 49             | 1       | 38            | 23      |
| Clinton, Iowa.....         | 27,678  |                               |             |         |          |         |                |         |               |         |
| Clinton, Mass.....         | 113,075   |                               | 1           |         |          |         | 1              |         | 1             |         |
| Coffeyville, Kans.....     | 18,331  | 5                             | 1           |         |          |         |                |         |               | 1       |
| Cohoes, N. Y.....          | 25,292  | 6                             |             |         |          |         |                |         | 2             | 1       |
| Columbia, S. C.....        | 35,165  |                               | 1           |         | 2        |         |                |         | 2             |         |
| Columbus, Ga.....          | 26,306  | 13                            |             |         |          |         | 2              |         |               |         |
| Columbus, Ohio.....        | 220,135   | 71                            | 5           |         | 12       |         | 3              | 1       | 4             | 5       |
| Concord, N. H.....         | 22,858  | 10                            | 2           |         | 4        |         | 5              |         |               |         |
| Cortland, N. Y.....        | 13,321  | 4                             |             |         |          |         | 2              |         |               |         |
| Council Bluffs, Iowa.....  | 31,838  | 9                             | 1           |         | 1        |         | 5              |         |               |         |
| Covington, Ky.....         | 59,623  | 19                            | 4           | 1       | 26       |         | 5              |         | 2             | 5       |
| Cranston, R. I.....        | 26,773  | 6                             | 1           |         |          |         | 1              |         | 2             | 2       |
| Cumberland, Md.....        | 25,086  | 8                             | 2           |         | 1        |         | 1              |         | 1             | 1       |
| Dallas, Tex.....           | 129,733   | 47                            | 17          | 3       | 1        |         | 2              |         | 9             | 4       |
| Danville, Ill.....         | 32,969  | 9                             | 1           |         |          |         |                |         |               |         |
| Danville, Va.....          | 20,183  |                               |             |         |          |         |                |         |               |         |
| Davenport, Iowa.....       | 49,618  |                               | 2           |         |          |         | 1              |         |               |         |
| Dayton, Ohio.....          | 128,939   | 37                            | 2           |         | 1        |         | 6              |         | 6             |         |
| Decatur, Ill.....          | 41,483  | 12                            | 2           |         | 60       |         |                |         |               | 1       |
| Dedham, Mass.....          | 10,618  | 3                             |             |         | 64       | 1       |                |         |               |         |
| Denver, Colo.....          | 268,439   | 95                            | 8           | 3       | 5        |         | 10             |         |               | 24      |
| Des Moines, Iowa.....      | 104,052   |                               | 9           | 3       | -1       |         | 11             |         | 1             |         |
| Detroit, Mich.....         | 619,648   | 241                           | 107         | 9       | 106      | 4       | 95             |         | 47            | 19      |
| Dover, N. H.....           | 13,276  | 8                             |             |         | 1        |         | 1              |         |               | 2       |
| Dubuque, Iowa.....         | 40,096  |                               |             |         |          |         | 1              |         |               |         |
| Duluth, Minn.....          | 97,077  | 21                            | 6           | 2       | 3        |         | 9              |         | 2             | 1       |
| Durham, N. C.....          | 26,160  | 7                             | 2           |         |          |         |                |         |               |         |
| East Chicago, Ind.....     | 30,286  | 13                            |             |         |          |         |                |         |               | 2       |
| East Cleveland, Ohio.....  | 13,864  |                               |             |         | 13       |         | 2              |         |               |         |
| East Hampton, Mass.....    | 10,656  |                               |             |         |          |         | 1              |         |               |         |
| East Orange, N. J.....     | 43,761  | 10                            | 3           |         | 12       |         | 1              |         |               | 1       |
| East Providence, R. I..... | 18,485  |                               | 1           |         |          |         | 4              |         |               |         |
| East St. Louis, Ill.....   | 77,312  | 17                            | 4           |         | 27       |         | 2              |         |               | 1       |
| Eau Claire, Wis.....       | 18,887  |                               | 1           |         | 1        |         |                |         |               |         |
| Elgin, Ill.....            | 28,562  | 7                             |             |         |          |         |                |         | 2             | 1       |
| Elizabeth, N. J.....       | 88,830  |                               | 2           | 1       | 93       |         | 5              | 1       | 1             | 4       |
| Elkhart, Ind.....          | 22,273  | 8                             | 1           |         |          |         | 3              |         | 1             |         |
| El Paso, Tex.....          | 69,149  | 44                            | 4           | 1       |          |         | 2              |         |               | 9       |
| Englewood, N. J.....       | 12,603  | 3                             | 1           |         | 2        |         | 1              |         | 1             | 1       |
| Eureka, Calif.....         | 15,142  | 2                             |             |         | 1        |         | 3              |         | 3             |         |
| Evanston, Ill.....         | 29,304  | 16                            |             |         | 2        |         | 18             |         |               |         |
| Everett, Mass.....         | 40,160  |                               | 6           | 2       | 9        |         | 3              |         | 2             |         |
| Everett, Wash.....         | 37,205  |                               |             |         | 1        |         | 1              |         |               |         |
| Fairmont, W. Va.....       | 16,111  |                               | 1           |         |          |         | 3              |         |               |         |
| Fall River, Mass.....      | 129,828   | 29                            | 18          |         | 1        |         | 5              |         | 4             | 4       |
| Fargo, N. Dak.....         | 17,872  | 6                             |             |         |          |         | 9              |         |               | 1       |
| Findlay, Ohio.....         | 14,858  | 5                             | 1           |         |          |         |                |         |               | 3       |
| Fort Dodge, Iowa.....      | 21,039  | 3                             |             |         |          |         |                |         |               |         |
| Fort Scott, Kans.....      | 10,564  | 4                             | 1           |         |          |         |                |         |               |         |
| Fort Smith, Ark.....       | 29,390  |                               | 1           |         |          |         | 4              |         | 1             |         |
| Fort Wayne, Ind.....       | 78,014  | 17                            | 4           |         | 1        |         | 2              |         | 5             |         |
| Fort Worth, Tex.....       | 109,597   |                               | 12          |         |          |         |                |         |               |         |
| Fostoria, Ohio.....        | 10,959  | 8                             |             |         |          |         | 1              |         | 1             |         |
| Framingham, Mass.....      | 14,149  |                               | 5           |         |          |         | 3              |         |               |         |
| Freeport, Ill.....         | 19,844  | 11                            | 2           |         |          |         |                |         |               |         |
| Fremont, Nebr.....         | 10,080  |                               | 5           |         |          |         |                |         |               |         |
| Fremont, Ohio.....         | 11,034  |                               | 6           |         |          |         | 2              |         | 1             |         |
| Galesburg, Ill.....        | 24,629  | 10                            |             |         |          |         |                |         |               |         |
| Galveston, Tex.....        | 42,650  | 14                            | 4           |         |          |         |                |         |               | 1       |
| Gardner, Mass.....         | 17,534  | 6                             |             |         |          |         |                |         | 1             |         |
| Gary, Ind.....             | 56,000  | 20                            | 2           | 1       | 1        |         | 1              |         |               | 2       |
| Geneva, N. Y.....          | 13,915  | 2                             |             |         | 1        |         |                |         |               | 1       |
| Glens Falls, N. Y.....     | 17,160  | 8                             |             |         |          |         |                |         |               |         |
| Gloucester City, N. J..... | 11,375  |                               |             |         | 2        |         |                |         |               |         |
| Grand Rapids, Mich.....    | 132,861   | 29                            | 7           | 1       | 4        |         | 5              |         | 5             | 1       |
| Granite City, Ill.....     | 15,890  |                               | 3           |         | 1        |         | 3              |         |               |         |
| Great Falls, Mont.....     | 13,948  | 5                             |             |         |          |         | 1              |         |               |         |
| Greeley, Colo.....         | 11,942  | 1                             |             |         |          |         |                |         | 1             |         |
| Green Bay, Wis.....        | 30,017  |                               | 3           |         |          |         |                |         | 1             |         |
| Greenfield, Mass.....      | 12,251  | 4                             |             |         |          |         |                |         |               |         |

<sup>1</sup> Population Apr. 15, 1910.

**DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.**
**City Reports for Week Ended Jan. 10, 1920—Continued.**

| City.                | Population as of July 1, 1917<br>(estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. |         | Measles. |         | Scarlet fever. |         | Tuberculosis. |         |
|----------------------|--|-------------------------------|-------------|---------|----------|---------|----------------|---------|---------------|---------|
|                      |  |                               | Cases.      | Deaths. | Cases.   | Deaths. | Cases.         | Deaths. | Cases.        | Deaths. |
| Greenwich, Conn.     | 19,594   | 6                             |             |         | 3        |         |                |         |               |         |
| Hackensack, N. J.    | 17,412   | 4                             |             |         | 1        |         | 1              |         | 2             | 1       |
| Hammond, Ind.        | 27,016   |                               | 4           |         | 10       |         | 4              |         |               | 9       |
| Harrison, N. J.      | 17,345   |                               |             |         | 1        |         | 2              |         |               |         |
| Hartford, Conn.      | 112,831  | 31                            | 8           |         | 2        |         | 19             |         | 2             | 1       |
| Haverhill, Mass.     | 49,180   | 5                             | 9           |         | 2        |         | 2              |         | 4             |         |
| Hibbing, Minn.       | 17,550   |                               |             |         | 21       |         |                |         |               |         |
| Highland Park, Mich. | 33,859   | 12                            | 9           |         | 8        |         |                |         |               |         |
| Hoboken, N. J.       | 78,324   | 8                             | 6           |         | 23       |         | 1              |         | 1             |         |
| Holland, Mich.       | 12,459   | 3                             | 1           |         |          |         |                |         |               |         |
| Holyoke, Mass.       | 66,503   | 21                            | 4           | 2       | 3        |         | 3              |         | 2             |         |
| Hot Springs, Ark.    | 17,690   | 9                             |             |         |          |         |                |         |               |         |
| Hudson, N. Y.        | 12,898   | 6                             |             |         |          |         |                |         |               |         |
| Huntington, Ind.     | 10,982   | 6                             |             |         |          |         | 1              |         |               |         |
| Huntington, W. Va.   | 47,686   |                               |             |         |          |         |                |         |               |         |
| Hutchinson, Kans.    | 21,461   |                               | 21          |         |          |         |                |         |               |         |
| Independence, Mo.    | 11,964   | 10                            |             |         |          |         | 1              |         | 1             |         |
| Indianapolis, Ind.   | 283,622  | 97                            | 6           | 2       | 9        |         | 27             |         | 9             | 8       |
| Iowa City, Iowa      | 11,626   |                               |             |         |          |         |                |         |               |         |
| Ironhton, Ohio       | 14,079   | 0                             |             |         |          |         |                |         |               |         |
| Ironwood, Mich.      | 15,095   | 1                             |             |         |          |         | 1              |         |               |         |
| Irvington, N. J.     | 16,710   |                               |             |         |          |         | 2              |         |               |         |
| Ishpeming, Mich.     | 12,448   | 2                             |             |         |          |         |                |         |               |         |
| Ithaca, N. Y.        | 16,017   | 4                             |             |         |          |         | 1              |         | 1             |         |
| Jamestown, N. Y.     | 37,431   | 12                            | 3           |         |          |         | 2              |         | 4             |         |
| Janesville, Wis.     | 14,411   | 1                             | 1           |         | 5        |         | 2              |         |               |         |
| Jefferson City, Mo.  | 13,712   | 5                             |             |         |          |         |                |         |               |         |
| Jersey City, N. J.   | 312,557  |                               | 15          |         | 22       |         | 8              |         | 18            |         |
| Johnstown, N. Y.     | 10,678   | 2                             |             |         |          |         |                |         |               |         |
| Joplin, Mo.          | 33,400   | 6                             | 2           |         |          |         | 1              |         |               |         |
| Kalamazoo, Mich.     | 50,408   | 23                            | 4           |         |          |         | 2              |         | 4             | 1       |
| Kankakee, Ill.       | 14,270   | 6                             | 1           | 1       |          |         | 1              |         |               |         |
| Kansas City, Kans.   | 102,066  |                               | 6           |         | 4        |         | 1              |         | 4             |         |
| Kansas City, Mo.     | 305,816  | 95                            | 10          | 1       | 30       | 2       | 16             |         | 6             | 7       |
| Kearny, N. J.        | 24,325   | 7                             | 4           |         | 5        |         | 3              |         |               |         |
| Keene, N. H.         | 10,725   |                               |             |         |          |         |                |         |               |         |
| Kenosha, Wis.        | 32,833   |                               |             |         | 1        |         |                |         |               |         |
| Kewanee, Ill.        | 13,607   |                               |             |         |          |         |                |         |               |         |
| Knoxville, Tenn.     | 59,112   |                               | 1           | 1       | 8        |         | 1              |         | 3             | 3       |
| Kokomo, Ind.         | 21,929   | 3                             |             |         | 2        |         | 1              |         |               |         |
| Lackawanna, N. Y.    | 16,219   | 2                             | 4           |         |          |         |                |         |               |         |
| La Fayette, Ind.     | 21,481   | 8                             | 1           |         | 2        |         | 2              |         |               |         |
| Lake Charles, La.    | 14,930   | 4                             |             |         |          |         |                |         |               |         |
| Lancaster, Ohio.     | 16,086   | 6                             | 1           | 1       | 1        |         |                |         | 2             |         |
| La Salle, Ill.       | 12,332   | 2                             |             |         |          |         |                |         |               | 1       |
| Laurel, Miss.        | 12,313   |                               |             | 1       |          |         |                | 1       |               |         |
| Lawrence, Kans.      | 13,477   | 2                             | 1           |         |          |         |                |         |               |         |
| Lawrence, Mass.      | 102,923  | 33                            | 3           |         | 5        |         | 17             |         | 4             | 1       |
| Leavenworth, Kans.   | 19,365   |                               | 13          |         |          |         | 1              |         |               |         |
| Leominster, Mass.    | 21,365   |                               | 4           |         |          |         | 6              |         | 2             |         |
| Lexington, Ky.       | 41,997   | 30                            | 2           |         | 5        |         |                |         | 2             | 3       |
| Lima, Ohio.          | 37,145   | 6                             | 1           |         | 7        |         | 3              |         |               | 1       |
| Lincoln, Nebr.       | 46,357   | 14                            | 1           |         |          |         | 1              |         |               | 2       |
| Little Rock, Ark.    | 58,716   |                               | 6           |         | 3        |         | 2              |         | 3             |         |
| Lockport, N. Y.      | 20,028   | 9                             |             |         | 1        |         |                |         |               |         |
| Logansport, Ind.     | 21,333   | 14                            |             |         | 14       |         | 7              |         | 2             | 2       |
| Long Beach, Calif.   | 29,163   | 8                             | 5           |         | 3        |         | 3              |         | 1             |         |
| Long Branch, N. J.   | 15,733   | 6                             |             |         | 6        |         |                |         |               |         |
| Lorain, Ohio.        | 38,266   |                               | 1           |         | 3        |         |                |         |               |         |
| Los Angeles, Calif.  | 535,485  | 151                           | 33          |         | 5        |         | 12             |         | 70            | 20      |
| Louisville, Ky.      | 240,508  | 79                            | 33          | 2       | 3        |         | 5              |         | 10            | 7       |
| Lowell, Mass.        | 114,366  | 36                            | 7           | 1       | 2        |         | 12             |         | 6             | 1       |
| Ludington, Mich.     | 10,566   | 2                             |             |         |          |         |                |         |               |         |
| Lynchburg, Va.       | 33,497   | 16                            | 1           |         |          |         |                |         |               |         |
| Lynn, Mass.          | 104,534  | 22                            | 16          |         | 1        |         | 49             |         | 2             | 1       |
| Macon, Ga.           | 46,099   | 21                            |             |         |          |         |                |         | 2             | 2       |
| Manchester, Conn.    | 15,859   | 2                             | 1           |         | 1        |         | 3              |         |               |         |
| Manchester, N. H.    | 79,607   | 18                            | 11          |         | 4        |         | 4              |         |               |         |
| Manitowoc, Wis.      | 13,931   |                               | 1           |         | 7        |         | 3              |         |               |         |
| Mankato, Minn.       | 10,365   | 5                             |             |         | 8        |         | 1              |         |               |         |
| Marinette, Wis.      | 14,610   |                               |             |         |          |         | 3              |         | 1             |         |

<sup>1</sup> Population Apr. 15, 1910.

January 30, 1920.

**DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—**  
 Continued.

**City Reports for Week Ended Jan. 10, 1920—Continued.**

| City.                  | Population as of<br>July 1, 1917<br>(estimated<br>by U. S.<br>Census<br>Bureau). | Total<br>deaths<br>from<br>all<br>causes. | Diphtheria. |         | Measles. |         | Scarlet<br>fever. |         | Tuber-<br>culosis. |         |
|------------------------|--|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
|                        |  |   | Cases.      | Deaths. | Cases.   | Deaths. | Cases.            | Deaths. | Cases.             | Deaths. |
| Marion, Ind.           | 19,923   | 8   |             |         | 6        |         | 4                 |         |                    |         |
| Marion, Ohio           | 24,129   |   |             | 1       |          |         | 2                 |         |                    |         |
| Marlboro, Mass.        | 15,285   | 6   |             |         |          |         |                   |         | 1                  |         |
| Marquette, Mich.       | 12,555   | 5   | 1           | 1       |          |         | 2                 |         |                    |         |
| Martinsburg, W. Va.    | 12,984   |   | 1           |         |          |         |                   |         |                    |         |
| Martins Ferry, Ohio    | 10,135   |   | 1           |         |          |         | 1                 |         |                    |         |
| Mason City, Iowa       | 14,938   | 7   |             |         | 38       | 1       |                   |         |                    |         |
| Mattoon, Ill.          | 12,764   |   |             |         | 26       |         | 1                 |         | 2                  |         |
| Medford, Mass.         | 26,681   | 11  | 1           |         | 10       |         | 8                 |         |                    | 1       |
| Melrose, Mass.         | 17,724   | 4   |             |         |          |         |                   |         |                    |         |
| Memphis, Tenn.         | 151,877  | 42  | 8           | 1       | 1        |         | 1                 |         | 6                  | 10      |
| Meriden, Conn.         | 29,431   |   | 4           |         |          |         | 3                 |         | 1                  |         |
| Methuen, Mass.         | 14,320   | 5   | 3           |         | 2        |         |                   |         |                    |         |
| Middletown, N. Y.      | 15,890   |   | 1           |         |          |         | 3                 |         |                    |         |
| Middletown, Ohio       | 16,384   | 6   | 1           |         | 2        | 1       | 1                 |         | 2                  | 3       |
| Milwaukee, Wis.        | 445,008  | 109                                       | 21          | 3       | 63       |         | 42                |         | 16                 | 9       |
| Minneapolis, Minn.     | 373,448  | 85  | 6           | 2       | 13       |         | 11                |         | 47                 | 7       |
| Mishawaka, Ind.        | 17,083   | 3   |             |         |          |         |                   |         | 1                  |         |
| Missoula, Mont.        | 19,075   | 6   |             |         |          |         | 1                 |         |                    |         |
| Mobile, Ala.           | 59,201   | 25  | 1           |         |          |         | 1                 | 2       |                    | 3       |
| Monmouth, Ill.         | 10,346   | 3   |             |         |          |         |                   |         |                    |         |
| Montclair, N. J.       | 27,067   | 9   | 2           |         | 13       |         | 3                 |         |                    |         |
| Montgomery, Ala.       | 44,039   | 14  | 5           |         |          |         | 1                 |         |                    |         |
| Morgantown, W. Va.     | 14,444   |   | 4           | 2       |          |         |                   |         | 2                  |         |
| Moundsville, W. Va.    | 11,513   | 3   |             |         |          |         |                   |         |                    |         |
| Mount Vernon, N. Y.    | 37,991   | 16  | 3           |         | 33       |         | 1                 |         |                    | 1       |
| Muskogee, Okla.        | 47,173   |   |             |         |          |         | 2                 |         |                    |         |
| Nashua, N. H.          | 27,541   | 3   |             |         |          |         | 1                 |         |                    |         |
| Nashville, Tenn.       | 118,136  | 44  | 5           | 1       |          |         | 5                 |         | 8                  | 3       |
| Newark, N. J.          | 418,789  | 99  | 29          | 3       | 107      | 1       | 27                |         | 53                 | 8       |
| New Bedford, Mass.     | 121,622  | 37  | 6           | 1       | 76       |         | 6                 |         | 5                  | 2       |
| New Britain, Conn.     | 55,385   | 16  | 1           |         | 1        |         | 5                 |         | 3                  | 1       |
| New Brunswick, N. J.   | 25,855   |   | 2           |         |          |         | 1                 |         |                    |         |
| Newburyport, Mass.     | 15,291   | 5   |             |         |          |         |                   |         |                    |         |
| New Castle, Ind.       | 14,144   |   |             |         | 5        |         |                   |         |                    |         |
| New Haven, Conn.       | 152,275  | 42  | 17          | 1       | 78       | 1       | 6                 |         | 9                  | 5       |
| New Orleans, La.       | 377,010  | 144                                       | 24          |         |          |         | 6                 |         | 23                 | 18      |
| Newport, R. I.         | 30,585   | 7   |             |         |          |         | 3                 |         |                    |         |
| Newton, Mass.          | 44,345   | 15  | 1           |         | 6        |         | 11                |         |                    |         |
| New York, N. Y.        | 5,737,492  | 1,534                                     | 327         | 25      | 1,676    | 21      | 123               | 3       | 230                | 149     |
| Niagara Falls, N. Y.   | 38,460   | 13  | 4           | 2       | 49       | 1       | 4                 |         | 2                  | 1       |
| North Adams, Mass.     | 22,019   | 6   | 1           |         | 1        |         |                   |         |                    |         |
| Northampton, Mass.     | 20,006   | 15  |             |         |          |         | 1                 |         |                    |         |
| North Attleboro, Mass. | 11,248   | 0   |             |         |          |         |                   |         |                    |         |
| North Tonawanda, N. Y. | 14,060   | 6   |             |         | 4        |         | 9                 | 1       |                    | 1       |
| Norwalk, Conn.         | 27,332   | 6   | 2           |         | 2        |         |                   |         |                    | 2       |
| Norwich, Conn.         | 21,923   | 5   | 4           |         |          |         |                   |         |                    | 1       |
| Norwood, Ohio          | 23,269   | 3   |             |         | 16       |         | 4                 |         | 1                  |         |
| Oak and, Calif.        | 206,405  | 39  | 2           |         | 69       | 1       | 11                |         | 2                  | 6       |
| Oak Park, Ill.         | 27,816   | 12  | 1           |         | 1        |         | 7                 |         |                    | 1       |
| Ogdensburg, N. Y.      | 16,845   | 8   |             |         |          |         |                   |         |                    |         |
| Ogden, Utah            | 32,343   | 12  | 1           |         |          |         | 4                 |         |                    |         |
| Oklahoma City, Okla.   | 97,588   | 18  | 2           |         | 1        |         | 3                 | 1       | 1                  | 4       |
| Olean, N. Y.           | 16,927   | 7   |             | 1       |          |         |                   |         |                    |         |
| Omaha, Nebr.           | 177,777  | 37  | 3           | 2       | 1        |         | 45                |         |                    | 1       |
| Orange, Conn.          | 14,393   | 3   |             |         | 1        |         | 3                 |         |                    | 1       |
| Orange, N. J.          | 35,636   | 13  | 4           |         | 2        |         | 2                 |         |                    | 2       |
| Oshkosh, Wis.          | 36,549   |   |             |         | 2        |         |                   |         |                    |         |
| Parkersburg, W. Va.    | 21,059   | 5   | 1           |         |          |         | 1                 |         |                    |         |
| Parsons, Kans.         | 15,952   |   |             |         |          |         |                   |         |                    |         |
| Pasadena, Calif.       | 49,620   | 12  | 1           |         |          |         | 3                 |         | 5                  | 1       |
| Passaic, N. J.         | 74,478   | 14  | 2           |         | 2        |         |                   |         | 6                  |         |
| Paterson, N. J.        | 140,512  | 4   | 14          |         | 4        |         | 3                 |         | 7                  |         |
| Pawtucket, R. I.       | 60,666   | 10  | 1           |         |          |         | 1                 |         |                    |         |
| Peekskill, N. Y.       | 19,034   | 2   |             |         |          |         |                   |         |                    |         |
| Peoria, Ill.           | 72,184   | 36  | 9           |         |          |         | 5                 |         |                    | 1       |
| Perth Amboy, N. J.     | 42,646   | 13  | 1           |         | 3        |         | 4                 |         | 1                  | 2       |
| Petersburg, Va.        | 25,817   | 18  |             |         |          |         |                   |         | 2                  | 1       |
| Philadelphia, Pa.      | 1,735,514  | 564                                       | 119         | 13      | 331      | 1       | 74                | 2       | 67                 | 58      |
| Phillipsburg, N. J.    | 15,879   | 3   | 1           |         |          |         | 1                 |         |                    |         |
| Pine Bluff, Ark.       | 17,777   |   | 2           |         |          |         |                   |         |                    |         |
| Piqua, Ohio            | 14,275   | 6   |             |         |          |         |                   |         |                    |         |
| Pittsburgh, Pa.        | 586,196  | 167                                       | 20          | 1       | 74       |         | 21                |         |                    | 14      |

**DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.**
**City Reports for Week Ended Jan. 10, 1920—Continued.**

| City.                   | Population as of July 1, 1917<br>(estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. |         | Measles. |         | Scarlet fever. |         | Tuberculosis. |         |
|-------------------------|--|-------------------------------|-------------|---------|----------|---------|----------------|---------|---------------|---------|
|                         |  |                               | Cases.      | Deaths. | Cases.   | Deaths. | Cases.         | Deaths. | Cases.        | Deaths. |
| Pittsfield, Mass.       | 39,678   | 15                            |             |         | 3        |         | 2              |         | 2             |         |
| Plainfield, N. J.       | 24,330   | 6                             | 2           |         | 6        |         | 3              |         |               | 2       |
| Plymouth, Mass.         | 14,001   | 0                             |             |         |          |         |                |         |               |         |
| Pocatello, Idaho        | 12,806   |                               |             |         | 1        |         |                |         |               |         |
| Pontiac, Mich.          | 18,006   | 12                            | 10          | 1       | 27       | 3       | 1              |         |               |         |
| Port Chester, N. Y.     | 16,727   | 4                             |             |         |          |         |                |         |               |         |
| Port Huron, Mich.       | 18,863   | 7                             |             |         | 216      | 1       | 1              |         | 1             |         |
| Portland, Me.           | 64,720   | 16                            |             |         |          |         | 11             |         |               |         |
| Portland, Oreg.         | 308,399  | 64                            | 12          |         | 10       |         | 15             |         | 11            |         |
| Portsmouth, N. H.       | 11,730   | 1                             |             |         |          |         | 7              |         |               |         |
| Portsmouth, Va.         | 49,693   | 16                            | 2           |         | 1        |         | 1              |         |               | 2       |
| Poughkeepsie, N. Y.     | 30,786   | 8                             |             |         |          |         |                |         | 5             | 2       |
| Providence, R. I.       | 259,895  | 74                            | 22          | 2       | 2        |         | 19             |         |               | 4       |
| Pueblo, Colo.           | 56,084   | 14                            | 2           |         |          |         | 1              |         |               | 2       |
| Quincy, Ill.            | 36,832   | 8                             | 2           | 2       |          |         | 4              |         |               | 1       |
| Quincy, Mass.           | 39,022   | 11                            | 3           |         | 2        |         | 9              |         |               | 1       |
| Racine, Wis.            | 47,465   |                               |             |         |          |         | 3              |         | 1             |         |
| Rahway, N. J.           | 10,361   | 1                             |             |         |          |         | 2              |         |               |         |
| Raleigh, N. C.          | 20,274   | 14                            |             |         | 1        |         | 1              |         |               | 2       |
| Redlands, Calif.        | 14,573   | 7                             | 1           | 1       |          |         |                |         |               | 2       |
| Redwing, Minn.          | 10,158   |                               |             |         | 1        |         |                |         |               |         |
| Reno, Nev.              | 15,514   | 4                             |             |         |          |         |                |         |               |         |
| Richmond, Ind.          | 25,080   | 15                            | 4           | 1       | 5        | 1       | 2              |         | 2             | 1       |
| Richmond, Va.           | 158,702  | 60                            | 9           | 2       | 70       |         | 8              |         | 7             | 6       |
| Riverside, Calif.       | 20,496   | 9                             | 3           |         |          |         |                |         |               |         |
| Roanoke, Va.            | 46,282   | 12                            | 1           |         |          |         | 1              |         |               |         |
| Rochester, N. Y.        | 264,714  | 74                            | 35          |         | 166      |         | 15             |         | 2             | 5       |
| Rockford, Ill.          | 56,739   | 19                            | 2           |         |          |         | 8              |         | 6             | 1       |
| Rock Island, Ill.       | 29,452   | 7                             | 2           |         | 1        |         |                |         | 1             |         |
| Rocky Mount, N. C.      | 12,673   |                               |             |         |          |         |                |         | 1             |         |
| Rome, Ga.               | 15,607   |                               | 1           |         |          |         |                |         |               |         |
| Rome, N. Y.             | 24,259   |                               | 12          |         |          |         | 1              |         | 2             |         |
| Rutland, Vt.            | 15,038   | 3                             |             |         |          |         |                |         |               |         |
| Sacramento, Calif.      | 68,984   | 21                            | 3           |         | 10       |         |                |         | 2             | 2       |
| Saginaw, Mich.          | 56,469   | 18                            | 2           |         | 96       |         |                |         |               |         |
| Saint Cloud, Minn.      | 12,013   |                               | 2           |         | 1        |         | 5              |         |               |         |
| Saint Joseph, Mo.       | 56,498   | 33                            | 3           |         |          |         | 4              |         |               | 3       |
| Saint Louis, Mo.        | 768,630  | 235                           | 92          | 9       | 261      |         | 31             |         | 32            | 21      |
| Saint Paul, Minn.       | 252,465  | 50                            | 12          |         | 4        |         | 10             | 1       | 16            | 5       |
| Salem, Mass.            | 49,346   | 9                             | 7           |         |          |         | 6              |         |               | 3       |
| Salem, Oreg.            | 21,274   |                               |             |         |          |         |                |         |               | 1       |
| Salt Lake City, Utah    | 121,623  | 32                            |             |         |          |         | 1              |         |               |         |
| San Bernardino, Calif.  | 17,616   |                               |             |         |          |         |                |         |               | 2       |
| San Diego, Calif.       | 56,412   | 24                            | 1           |         | 9        |         | 4              |         | 4             | 2       |
| Sandusky, Ohio          | 20,226   |                               |             |         |          |         |                |         |               |         |
| Sanford, Me.            | 11,217   | 2                             | 1           | 1       | 2        |         |                |         | 1             |         |
| San Francisco, Calif.   | 471,023  | 143                           |             |         |          |         |                |         |               | 7       |
| Santa Barbara, Calif.   | 15,360   | 5                             |             |         | 1        |         |                |         |               | 1       |
| Saratoga Springs, N. Y. | 13,839   | 5                             | 2           |         |          |         |                |         |               |         |
| Sault Ste. Marie, Mich. | 14,130   | 6                             |             |         | 20       |         | 3              |         |               |         |
| Savannah, Ga.           | 69,250   | 43                            | 1           |         | 1        |         | 3              |         | 3             | 2       |
| Schenectady, N. Y.      | 103,774  | 23                            | 1           | 1       | 1        |         | 3              |         | 5             | 2       |
| Seattle, Wash.          | 366,445  | 66                            | 3           | 1       | 101      |         | 14             |         | 15            | 7       |
| Sioux City, Iowa        | 58,568   |                               | 2           |         |          |         | 4              |         |               |         |
| Sioux Falls, S. Dak.    | 16,887   | 3                             |             |         | 1        |         | 8              |         |               |         |
| Somerville, Mass.       | 88,618   | 24                            | 10          | 1       | 8        |         | 12             |         | 5             | 1       |
| South Bend, Ind.        | 70,967   | 11                            | 1           |         | 2        |         | 3              |         |               |         |
| Southbridge, Mass.      | 14,465   | 2                             |             |         | 3        |         |                |         |               |         |
| Spartanburg, S. C.      | 21,985   |                               |             |         |          |         |                |         |               |         |
| Spokane, Wash.          | 157,656  |                               | 1           |         |          |         | 1              |         |               |         |
| Springfield, Ill.       | 62,623   |                               |             |         |          |         | 1              |         |               |         |
| Springfield, Mass.      | 108,668  | 28                            | 2           |         | 2        |         | 11             |         | 5             | 2       |
| Springfield, Mo.        | 41,169   | 10                            |             | 1       |          |         |                |         |               | 1       |
| Springfield, Ohio       | 52,296   | 9                             |             |         | 1        |         |                |         |               | 1       |
| Stamford, Conn.         | 31,810   |                               | 4           |         | 18       |         |                |         | 2             |         |
| Staunton, Va.           | 11,823   | 9                             |             |         |          |         | 1              |         |               |         |
| Steubenville, Ohio      | 28,250   | 6                             | 3           |         | 2        |         |                |         |               |         |
| Stillwater, Minn.       | 10,198   | 2                             |             |         |          |         |                |         |               |         |
| Stockton, Calif.        | 36,209   | 17                            |             |         | 1        |         | 1              |         |               | 1       |
| Superior, Wis.          | 47,167   | 5                             | 1           |         | 2        |         | 1              | 1       | 2             |         |
| Syracuse, N. Y.         | 158,559  | 33                            | 10          | 1       | 4        |         | 22             |         |               | 3       |

<sup>1</sup> Population Apr. 15, 1910.

January 30, 1920.

**DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.**

**City Reports for Week Ended Jan. 10, 1920—Continued.**

| City.                | Population as of July 1, 1917<br>(estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. |         | Measles. |         | Scarlet fever. |         | Tuberculosis. |         |
|----------------------|--|-------------------------------|-------------|---------|----------|---------|----------------|---------|---------------|---------|
|                      |  |                               | Cases.      | Deaths. | Cases.   | Deaths. | Cases.         | Deaths. | Cases.        | Deaths. |
| Tacoma, Wash.        | 117,446  | .....                         | 3           | .....   | 12       | .....   | 3              | .....   | .....         | .....   |
| Taunton, Mass.       | 36,610   | 22                            | .....       | .....   | .....    | .....   | .....          | .....   | 1             | 3       |
| Terre Haute, Ind.    | 67,361   | 18                            | 1           | .....   | 1        | .....   | 3              | .....   | .....         | 1       |
| Tiffin, Ohio         | 12,962   | 6                             | 1           | .....   | 5        | .....   | .....          | .....   | .....         | .....   |
| Toledo, Ohio         | 202,010  | 66                            | 6           | 2       | 382      | 3       | 19             | .....   | 6             | 7       |
| Topeka, Kans.        | 49,538   | 20                            | 1           | .....   | .....    | .....   | 1              | .....   | 6             | 2       |
| Traverse City, Mich. | 14,090   | 9                             | .....       | .....   | .....    | .....   | .....          | .....   | .....         | .....   |
| Trenton, N. J.       | 113,974  | 39                            | 6           | 1       | .....    | .....   | 2              | .....   | 5             | 2       |
| Trinidad, Colo.      | 14,413   | .....                         | .....       | .....   | 1        | .....   | 2              | .....   | .....         | .....   |
| Troy, N. Y.          | 78,094   | 21                            | 1           | .....   | 1        | .....   | 1              | .....   | 4             | .....   |
| Tucson, Ariz.        | 17,324   | 11                            | .....       | .....   | .....    | .....   | 2              | .....   | .....         | 6       |
| Va. ejo, Calif.      | 13,803   | 3                             | 7           | 1       | 1        | .....   | 1              | .....   | .....         | .....   |
| Vancouver, Wash.     | 13,805   | .....                         | 18          | .....   | .....    | .....   | 1              | .....   | .....         | .....   |
| Virginia, Minn.      | 15,954   | .....                         | .....       | .....   | 1        | .....   | .....          | .....   | .....         | .....   |
| Waco, Tex.           | 34,015   | 17                            | 2           | .....   | .....    | .....   | 1              | .....   | .....         | .....   |
| Wakefield, Mass.     | 12,947   | 2                             | .....       | .....   | .....    | .....   | .....          | .....   | .....         | .....   |
| Waltham, Mass.       | 31,011   | 9                             | 2           | .....   | 4        | .....   | 6              | .....   | .....         | .....   |
| Watervliet, Conn.    | 89,201   | .....                         | 5           | .....   | 6        | .....   | 14             | .....   | 3             | 2       |
| Watertown, Mass.     | 15,188   | 5                             | 1           | .....   | 22       | .....   | 2              | .....   | .....         | .....   |
| Watertown, N. Y.     | 30,404   | .....                         | 1           | .....   | .....    | .....   | 6              | .....   | 2             | .....   |
| Wausau, Wis.         | 19,666   | 10                            | .....       | .....   | 3        | .....   | .....          | .....   | .....         | .....   |
| Westfield, Mass.     | 18,769   | 3                             | 2           | .....   | .....    | .....   | .....          | .....   | .....         | .....   |
| West Hoboken, N. J.  | 44,386   | 4                             | 3           | .....   | 3        | .....   | .....          | .....   | 1             | .....   |
| West New York, N. J. | 19,613   | 2                             | .....       | .....   | .....    | .....   | 1              | .....   | .....         | .....   |
| West Orange, N. J.   | 13,964   | 2                             | .....       | .....   | 1        | .....   | 2              | .....   | 1             | .....   |
| Wheeling, W. Va.     | 43,657   | 26                            | 2           | .....   | 6        | .....   | .....          | .....   | 2             | 3       |
| Wichita, Kans.       | 73,597   | 17                            | 5           | .....   | .....    | .....   | .....          | .....   | 8             | .....   |
| Wilmington, Del.     | 95,369   | 23                            | 5           | .....   | 5        | .....   | 4              | .....   | .....         | 1       |
| Wilmington, N. C.    | 30,400   | 15                            | 2           | .....   | 1        | .....   | 3              | .....   | 1             | 1       |
| Winchester, Mass.    | 10,812   | 4                             | .....       | .....   | .....    | .....   | .....          | .....   | .....         | .....   |
| Winona, Minn.        | 10   | .....                         | .....       | 18      | .....    | 1       | .....          | .....   | 3             |         |
| Winston-Salem, N. C. | 33,136   | 18                            | 1           | .....   | .....    | .....   | 1              | .....   | 5             | 3       |
| Winthrop, Mass.      | 13,105   | 4                             | .....       | .....   | .....    | .....   | 1              | .....   | 10            | .....   |
| Woburn, Mass.        | 16,076   | 3                             | .....       | .....   | .....    | .....   | .....          | .....   | .....         | 1       |
| Worcester, Mass.     | 166,106  | 52                            | 12          | 1       | .....    | .....   | 10             | .....   | 3             | 1       |
| Yakima, Wash.        | 22,058   | .....                         | 1           | .....   | .....    | .....   | 1              | .....   | .....         | .....   |
| Yonkers, N. Y.       | 103,066  | 21                            | 7           | .....   | 17       | .....   | 1              | .....   | 10            | 3       |
| Youngstown, Ohio     | 112,282  | 43                            | 10          | 1       | .....    | .....   | 10             | 2       | 1             | 4       |
| Zanesville, Ohio     | 31,320   | 5                             | .....       | .....   | 2        | .....   | .....          | 2       | .....         | .....   |

<sup>1</sup> Population Apr. 15, 1910.

## FOREIGN AND INSULAR.

### CANADA.

#### Human Anthrax—Kingston, Ontario.

Under date of January 5, 1920, the occurrence of two cases of human anthrax, one of which terminated fatally, was reported at Kingston, Ontario, Canada.

### CUBA.

#### Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

| Disease.               | Dec. 21-31, 1919. |         | Remaining under treatment Dec. 31, 1919. |
|------------------------|-------------------|---------|--|
|                        | New cases.        | Deaths. |  |
| Broncho pneumonia..... | 13                | 11      | 3  |
| Chicken pox.....       |                   |         | 2  |
| Diphtheria.....        | 2                 |         | 2  |
| Influenza.....         | 5                 | 1       | 6  |
| Leprosy.....           |                   |         | 19                                       |
| Malaria.....           | 27                |         | 169                                      |
| Measles.....           | 3                 |         | 20                                       |
| Paratyphoid fever..... |                   | 1       | 1  |
| Scarlet fever.....     | 1                 | 1       | 2  |
| Smallpox.....          | 3                 |         | 7  |
| Typhoid fever.....     | 17                | 3       | 247                                      |

<sup>1</sup> From the interior 26.

<sup>2</sup> From the interior 18.

### GREAT BRITAIN.

#### Anthrax Infection in Shaving Brushes—Bradford.

On December 2, 1919, the finding of 9 anthrax-infected shaving brushes in a consignment of 18 shaving brushes of Japanese origin, was reported at Bradford, England.

### SENEGAL.

#### Plague—Dakar—November, 1919.

Plague was officially declared present at Dakar, Senegal, October 23, 1919. During the month of November, 1919, 146 fatal cases were notified in Dakar and vicinity.

### SERBIA.

#### Measures Against Importation of Plague.

According to information dated January 6, 1920, medical examination of travelers from Constantinople, Turkey, has been ordered into effect at certain localities in the Kingdom of the Serbs, Croats, and Slovenes, to prevent the importation of plague.

January 30, 1920.

## INFLUENZA.

The following information was taken from reports received during the week ended January 30, 1920:

| Place.                                   | Date.                 | Cases. | Deaths. | Remarks.   |
|--|-----------------------|--------|---------|--|
| Bolivia:<br>La Paz.....                  | Dec. 14-20.....       | 9      | 3       |  |
| Brazil:<br>Rio de Janeiro.....           | Sept. 28-Nov. 25..... |        | 114     |  |
| Sao Paulo.....                           | Nov. 24-30.....       |        | 1       |  |
| Ceylon:<br>Colombo.....                  | Oct. 1-31.....        |        | 13      | Oct. 1-31, 1919; deaths, 21.   |
| China:<br>Hankow.....                    | Dec. 14-20.....       |        | 1       | In foreigner. Disease very prevalent. Dec. 29: Prevalent.                                |
| Cuba:<br>Habana.....                     | Jan. 1-10.....        | 20     | 12      |  |
| France:<br>Marseille.....                | Nov. 1-30.....        |        | 12      |  |
| Paris.....                               | Dec. 6-20.....        |        | 14      |  |
| Great Britain:<br>England and Wales..... | Dec. 21-27.....       |        | 43      | In 96 great towns. Population, aggregate, 16,577,344.                                    |
| Scotland.....                            | Nov. 30-Dec. 20.....  |        | 7       | In 16 principal towns. Seven deaths with influenza complications. Population, 2,416,900. |
| India:<br>Rangoon.....                   | Nov. 15-Dec. 6.....   | 8      | 5       |  |
| New Zealand:<br>Dunedin.....             | Nov. 18-Dec. 8.....   | 9      |         |  |
| Paraguay:<br>Asuncion.....               | Nov. 23-Dec. 6.....   |        | 2       |  |
| Portugal:<br>Lisbon.....                 | Dec. 14-20.....       |        | 1       |  |
| Spain:<br>Valencia.....                  | Dec. 21-27.....       | 128    | 53      | Stated to be increasing.   |
| Sweden:<br>Stockholm.....                | Nov. 30-Dec. 6.....   | 2      |         |  |
| Switzerland:<br>Zurich.....              | Dec. 7-13.....        | 3      |         |  |
| Tunis:<br>Tunis.....                     | do.....               | 2      |         |  |

## CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During Week Ended Jan. 30, 1920.<sup>1</sup>

## CHOLERA.

| Place.                                 | Date.                | Cases. | Deaths. | Remarks.                                       |
|--|----------------------|--------|---------|--|
| India.....                             | Oct. 25-Nov. 22..... |        | 12,700  |  |
| Calcutta.....                          | Nov. 16-Dec. 6.....  | 75     | 65      |  |
| Madras.....                            | Nov. 23-Dec. 13..... | 7      | 3       |  |
| Rangoon.....                           | Nov. 30-Dec. 6.....  | 1      |         |  |
| Java:<br>West Java.....                | Nov. 5-11.....       | 4      |         | Nov. 5-11, 1919: Cases, 4.                     |
| Batavia.....                           | Nov. 5-11.....       |        |         |  |
| Philippine Islands:<br>Manila.....     | Nov. 30-Dec. 6.....  | 3      | 2       | Nov. 30-Dec. 6, 1919: Cases, 153; deaths, 107. |
| Provinces:<br>Albay.....               | Nov. 30-Dec. 6.....  | 18     | 14      |  |
| Antique.....                           | do.....              | 20     | 20      |  |
| Batangas.....                          | do.....              | 3      | 3       |  |
| Bohol.....                             | do.....              | 6      | 5       |  |
| Cavite.....                            | do.....              | 3      | 3       |  |
| Iloilo.....                            | do.....              | 12     | 8       |  |
| Isabela.....                           | do.....              | 47     | 29      |  |
| Mindoro.....                           | do.....              | 4      | 2       |  |
| Occidental Negros.....                 | do.....              | 3      |         |  |
| Pangasinan.....                        | do.....              | 7      | 8       |  |
| Rizal.....                             | do.....              | 5      | 1       |  |
| Sorsogon.....                          | do.....              | 22     | 12      |  |
| Tayabas.....                           | do.....              | 3      | 2       |  |
| Siam:<br>Bangkok.....                  | Nov. 16-29.....      |        | 56      |  |
| Straits Settlements:<br>Singapore..... | Nov. 22-28.....      | 1      | 1       |  |

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**
**Reports Received During Week Ended Jan. 30, 1920—Continued.**
**PLAQUE.**

| Place.               | Date.           | Cases. | Deaths. | Remarks.  |
|----------------------|-----------------|--------|---------|---|
| Brazil:              |                 |        |         |   |
| Bahia.....           | Nov. 9-15.....  | 1      | 1       |   |
| Ceylon:              |                 |        |         |   |
| Colombo.....         | Nov. 24-29..... | 4      | 5       |   |
| Egypt:               |                 |        |         |   |
| Cities—              |                 |        |         |   |
| Alexandria.....      | Dec. 3.....     | 1      |         |   |
| Provinces—           |                 |        |         |   |
| Assiout.....         | Dec. 3-21.....  | 15     | 9       |   |
| Hawaii:              |                 |        |         |   |
| Honokaa.....         | Jan. 27.....    | 1      | 1       |   |
| India:               |                 |        |         |   |
| Bombay.....          | Nov. 23-29..... | 2      | 2       | Nov. 9-22, 1919: Cases, 6,648; deaths, 5,000.   |
| Karachi.....         | do.....         | 2      | 1       |   |
| Presidency.....      |                 |        |         | Nov. 24-Dec. 13, 1919: Cases, 510; deaths, 328. |
| Rangoon.....         | Nov. 9-22.....  | 8      | 9       |   |
| Java:                |                 |        |         |   |
| East Java.....       |                 |        |         | Oct. 19-Nov. 18, 1919: Cases, 518; deaths, 516. |
| Senegal:             |                 |        |         |   |
| Dakar.....           | Nov. 1-30.....  |        | 146     |   |
| Straits Settlements: |                 |        |         |   |
| Singapore.....       | Nov. 2-8.....   | 1      |         |   |

**SMALLPOX.**

|                     |                       |     |     |  |
|---------------------|-----------------------|-----|-----|--|
| Bolivia:            |                       |     |     |  |
| La Paz.....         | Dec. 14-20.....       | 7   | 5   |  |
| Brazil:             |                       |     |     |  |
| Bahia.....          | Nov. 9-15.....        | 490 | 296 |  |
| Pernambuco.....     | Nov. 10-16.....       | 29  | 4   |  |
| Rio de Janeiro..... | Sept. 28-Nov. 25..... | 372 | 105 |  |
| Canada:             |                       |     |     |  |
| British Columbia—   |                       |     |     |  |
| Vancouver.....      | Jan. 4-10.....        | 1   |     |  |
| Nova Scotia—        |                       |     |     |  |
| Halifax.....        | do.....               | 1   |     |  |
| Sydney.....         | Dec. 28-Jan. 10.....  | 2   |     |  |
| Ontario:            |                       |     |     |  |
| Hamilton.....       | Jan. 11-17.....       | 5   |     | Dec. 1-31, 1919: Cases, 1,414; deaths, 2.            |
| Kingston.....       | Dec. 28-Jan. 3.....   | 2   |     |  |
| North Bay.....      | Jan. 11-17.....       | 3   |     |  |
| Toronto.....        | Jan. 4-10.....        | 146 | 4   |  |
| Quebec—             |                       |     |     |  |
| Quebec.....         | do.....               | 5   |     |  |
| Ceylon:             |                       |     |     |  |
| Colombo.....        | Nov. 16-22.....       | 9   | 9   |  |
| China:              |                       |     |     |  |
| Chungking.....      | Nov. 30-Dec. 6.....   |     |     | Present.   |
| Nanking.....        | Dec. 6-20.....        |     |     | Do.  |
| Colombia:           |                       |     |     |  |
| Barranquilla.....   | Dec. 14-20.....       |     | 1   |  |
| Egypt:              |                       |     |     |  |
| Cairo.....          | Oct. 15-Nov. 4.....   | 18  | 10  |  |
| Port Said.....      | do.....               | 3   | 3   |  |
| India:              |                       |     |     |  |
| Bombay.....         | Nov. 9-29.....        | 8   | 5   | Oct. 23-Nov. 22, 1919: Deaths, 1,482.                |
| Calcutta.....       | Nov. 16-Dec. 6.....   | 88  | 84  |  |
| Karachi.....        | Nov. 23-29.....       | 6   | 1   |  |
| Madras.....         | Nov. 23-Dec. 6.....   | 15  | 9   |  |
| Rangoon.....        | Nov. 16-22.....       | 8   | 2   |  |
| Italy:              |                       |     |     |  |
| Genua.....          | Nov. 24-Dec. 7.....   | 12  |     | Province.  |
| Messina.....        | Dec. 1-7.....         | 24  | 2   |  |
| San Fratello.....   | do.....               | 19  | 5   | In Province of Messina.                              |
| Java:               |                       |     |     |  |
| East Java—          |                       |     |     |  |
| Residency—          |                       |     |     |  |
| Surabaya.....       | Oct. 19-Nov. 18.....  | 18  |     |  |
| West Java—          |                       |     |     |  |
| Batavia.....        | Oct. 25-31.....       | 16  | 5   | Oct. 23-31, 1919: Cases, 157; deaths, 41.            |
| Mexico:             |                       |     |     |  |
| Tehuantepec.....    | Dec. 25-31.....       | 6   |     |  |
| Newfoundland:       |                       |     |     |  |
| St. Johns.....      | Jan. 3-9.....         | 2   |     | At outports, 5 cases. Present at 5 other localities. |

January 30, 1920.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**
**Reports Received During Week Ended Jan. 30, 1920—Continued.**
**SMALLPOX—Continued.**

| Place.        | Date.           | Cases. | Deaths. | Remarks. |
|---------------|-----------------|--------|---------|----------|
| Portugal:     |                 |        |         |          |
| Lisbon.....   | Dec. 6-12.....  |        | 21      |          |
| Oporto.....   | Dec. 7-20.....  | 5      | 5       |          |
| Spain:        |                 |        |         |          |
| Cadiz.....    | Nov. 1-30.....  |        | 1       |          |
| Valencia..... | Dec. 21-27..... | 6      | 1       |          |

**TYPHUS FEVER.**

|                      |                     |    |    |                          |
|----------------------|---------------------|----|----|--------------------------|
| Bolivia:             |                     |    |    |                          |
| La Paz.....          | Dec. 14-20.....     | 1  | 2  |                          |
| Canada:              |                     |    |    |                          |
| Ontario.....         |                     |    |    | Dec. 1-31, 1919: 1 case. |
| Egypt:               |                     |    |    |                          |
| Cairo.....           | Oct. 15-Nov. 4..... | 32 | 20 |                          |
| Italy:               |                     |    |    |                          |
| Trieste.....         | Dec. 14-20.....     | 2  |    |                          |
| Japan:               |                     |    |    |                          |
| Nagasaki.....        | Dec. 15-21.....     | 1  |    |                          |
| Mexico:              |                     |    |    |                          |
| Saltillo.....        | Nov. 1-30.....      | 2  | 1  |                          |
| San Luis Potosi..... | Jan. 4-10.....      |    |    | Present.                 |
| Paraguay:            |                     |    |    |                          |
| Asuncion.....        | Nov. 30-Dec. 6..... | 1  |    |                          |
| Portugal:            |                     |    |    |                          |
| Lisbon.....          | Dec. 6-12.....      |    | 2  |                          |
| Tunis:               |                     |    |    |                          |
| Tunis.....           | Dec. 14-20.....     | 1  |    |                          |

**YELLOW FEVER.**

|               |              |   |  |  |
|---------------|--------------|---|--|--|
| Mexico:       |              |   |  |  |
| Campeche..... | Dec. 20..... | 1 |  |  |

**Reports Received from Dec. 27, 1919, to Jan. 23, 1920.<sup>1</sup>**
**CHOLERA.**

| Place.            | Date.                | Cases. | Deaths. | Remarks.   |
|-------------------|----------------------|--------|---------|--|
| China:            |                      |        |         |  |
| Amoy.....         | Nov. 4-17.....       |        | 2       |  |
| Chosen (Korea):   |                      |        |         |  |
| Chemulpo.....     | Oct. 1-31.....       | 6      | 4       | Oct. 20-Nov. 16, 1919: Cases, 3,525; deaths, 3,144. Aug. 15- |
| Fusan.....        | do.....              | 34     | 30      | Nov. 16, 1919: Cases, 15,192; deaths, 9,823.                 |
| Provinces—        |                      |        |         |  |
| Keiki.....        | Aug. 15-Nov. 16..... | 224    | 135     |  |
| Kogen.....        | do.....              | 64     | 38      |  |
| Kokai.....        | do.....              | 4,015  | 2,770   |  |
| North Chusei..... | do.....              | 1      | 1       |  |
| North Heian.....  | do.....              | 3,196  | 2,434   |  |
| North Kankyo..... | do.....              | 497    | 275     |  |
| North Keisho..... | do.....              | 63     | 35      |  |
| North Zenra.....  | do.....              | 1,326  | 692     |  |
| South Chusei..... | do.....              | 930    | 590     |  |
| South Heian.....  | do.....              | 3,031  | 1,858   |  |
| South Kankyo..... | do.....              | 870    | 551     |  |
| South Keisho..... | do.....              | 318    | 156     |  |
| South Zenra.....  | do.....              | 657    | 288     |  |
| Greece:           |                      |        |         |  |
| Saloniki.....     | Oct. 10.....         | 1      |         |  |
| India:            |                      |        |         |  |
| Bombay.....       | Nov. 2-8.....        | 1      | 1       |  |
| Calcutta.....     | Oct. 26-Nov. 15..... | 60     | 58      |  |

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources. For reports received from June 28 to Dec. 26, 1919, see Public Health Reports for Dec. 26, 1919. The tables of epidemic diseases are terminated semiannually and new tables begun.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.****Reports Received from Dec. 27, 1919, to Jan. 23, 1920—Continued.****CHOLERA—Continued.**

| Place.                 | Date.              | Cases. | Deaths. | Remarks.   |
|------------------------|--------------------|--------|---------|--|
| Japan:                 |                    |        |         |  |
| Kobe.....              | Nov. 24-30.....    | 2      | .....   |  |
| Taiwan.....            | Nov. 10-20.....    | 1      | 1       |  |
| Tokyo.....             | Nov. 10-20.....    | 1      | 1       | For entire island: Oct. 22-Nov. 20, 1919: Cases, 645; deaths, 374. |
| Java:                  |                    |        |         |  |
| East Java.....         | .....              | .....  | .....   | Oct. 5-11, 1919: One case, 1 death. At Pasoeroean.                 |
| Philippine Islands:    |                    |        |         |  |
| Manila.....            | Nov. 2-29.....     | 12     | 7       | Nov. 2-29, 1919: Cases, 1,153; deaths, 843.                        |
| Provinces:             |                    |        |         |  |
| Albay.....             | Nov. 2-29.....     | 307    | 212     |  |
| Ambos-Camarines.....   | Nov. 2-22.....     | 39     | 20      |  |
| Antique.....           | Nov. 2-29.....     | 18     | 10      |  |
| Batangas.....          | do.....            | 34     | 24      |  |
| Bohol.....             | Nov. 2-22.....     | 19     | 16      |  |
| Cagayahan.....         | Nov. 3-15.....     | 35     | 20      |  |
| Capiz.....             | Nov. 2-8.....      | 6      | 5       |  |
| Cavite.....            | Nov. 2-29.....     | 12     | 13      |  |
| Cebu.....              | do.....            | 21     | 13      |  |
| Davao.....             | Nov. 9-15.....     | 6      | 4       |  |
| Ilocos Norte.....      | Nov. 2-29.....     | 42     | 40      |  |
| Ilocos Sur.....        | Nov. 2-23.....     | 18     | 15      |  |
| Iloilo.....            | Nov. 2-29.....     | 33     | 22      |  |
| Isabela.....           | Nov. 2-15.....     | 111    | 40      |  |
| Laguna.....            | Nov. 2-29.....     | 17     | 11      |  |
| Mindoro.....           | do.....            | 76     | 28      |  |
| Mountain.....          | Nov. 2-22.....     | 6      | 4       |  |
| Occidental Negros..... | Nov. 2-29.....     | 65     | 39      |  |
| Pangasinan.....        | do.....            | 29     | 19      |  |
| Rizal.....             | do.....            | 36     | 14      |  |
| Sorsogon.....          | do.....            | 161    | 106     |  |
| Tarlac.....            | do.....            | 11     | 11      |  |
| Tayabas.....           | do.....            | 38     | 28      |  |
| Union.....             | Nov. 9-15.....     | 5      | 5       |  |
| Poland:                |                    |        |         | Present in November, 1919.   |
| Garvelin.....          | .....              | .....  | .....   | Do.  |
| Kowal.....             | .....              | .....  | .....   | Do.  |
| Stryl.....             | .....              | .....  | .....   |  |
| Siam:                  |                    |        |         |  |
| Bangkok.....           | Oct. 5-18.....     | .....  | 4       |  |
| Straits Settlements:   |                    |        |         |  |
| Singapore.....         | Oct. 5-Nov. 1..... | 13     | 12      |  |

**PLAQUE.**

|                           |                     |       |       |  |
|---------------------------|---------------------|-------|-------|--|
| British East Africa:      |                     |       |       |  |
| Kisumu.....               | Sept. 28-Nov. 1.... | 6     | 6     |  |
| Ceylon:                   |                     |       |       |  |
| Colombo.....              | Oct. 26-Nov. 8....  | 14    | 14    |  |
| Chile:                    |                     |       |       |  |
| Antofagasta.....          | Dec. 8-14.....      | 1     | ..... |  |
| Ecuador:                  |                     |       |       |  |
| Guayaquil.....            | Nov. 1-30.....      | 1     | ..... |  |
| Egypt:                    |                     |       |       |  |
| Province—Assiout.....     | Nov. 15-20.....     | 15    | 8     | Jan. 1-Nov. 20, 1919: Cases, 813 deaths, 445.          |
| Greece:                   |                     |       |       |  |
| Saloniki.....             | Oct. 6-Nov. 30..... | 18    | 7     |  |
| India:                    |                     |       |       |  |
| Bombay.....               | Oct. 19-Nov. 18.... | 3     | 3     | Oct. 19-Nov. 8, 1919: Cases, 5,771; deaths, 4,382.     |
| Karachi.....              | Nov. 9-15.....      | 1     | 1     |  |
| Madras Presidency.....    | Nov. 9-22.....      | 329   | 207   |  |
| Rangoon.....              | Nov. 2-8.....       | 5     | 3     | Oct. 19-Nov. 1, 1919: Cases, 10; deaths, 7.            |
| Java:                     |                     |       |       |  |
| East Java.....            | .....               | ..... | ..... | Sept. 28-Oct. 18, 1919: Cases, 121; deaths, 121.       |
| Peru:                     |                     |       |       |  |
| Salaverry (Trujillo)..... | Nov. 23-Dec. 14.... | 8     | 1     |  |
| Straits Settlements:      |                     |       |       |  |
| Singapore.....            | Oct. 26-Nov. 2..... | ..... | 1     |  |
| Syria:                    |                     |       |       |  |
| Beirut.....               | Dec. 22.....        | 20    | ..... |  |
| Turkey:                   |                     |       |       |  |
| Constantinople.....       | Nov. 14-20.....     | 10    | ..... | Present Dec. 11, 1919.                                 |
| On vessel:                |                     |       |       |  |
| S. S. Kaisar-i-Hind.....  | Nov. 28.....        | 3     | ..... | At Port Said, Egypt. From Bombay, Nov. 15, for London. |

January 30, 1920.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

Reports Received from Dec. 27, 1919, to Jan. 23, 1920—Continued.

**SMALLPOX.**

| Place.  | Date.                | Cases.   | Deaths.  | Remarks.   |
|---|----------------------|----------|----------|--|
| <b>Algeria:</b><br>Departments—<br>Algiers.....       | Nov. 11-Dec. 11..... | 34.....  | .....    |  |
| Constantine.....                                      | do.....              | 13.....  | .....    |  |
| Oran.....   | do.....              | 55.....  | .....    |  |
| <b>Bolivia:</b><br>La Paz.....                        | June 29-Dec. 13..... | 206..... | .....    | Dec. 29, 1918-June 28, 1919: Cases, 86; deaths, 44.  |
| <b>Brazil:</b><br>Bahia.....                          | Oct. 26-Nov. 8.....  | 736..... | 444..... |  |
| <b>Canada:</b><br>British Columbia—<br>Vancouver..... | Nov. 30-Dec. 6.....  | 1.....   | .....    |  |
| Nova Scotia—<br>Halifax.....                          | Dec. 21-27.....      | 2.....   | .....    |  |
| Sydney.....   | Dec. 7-13.....       | 1.....   | .....    |  |
| Counties—<br>Cumberland.....                          | Dec. 14-20.....      | .....    | .....    | Present.   |
| Inverness.....  | do.....              | .....    | .....    | Do.  |
| Pictou.....   | do.....              | .....    | .....    | Do.  |
| Ontario.....  | .....                | .....    | .....    | Nov. 30-Dec. 6, 1919: Cases, 125, in 45 localities, exclusive of Dysart and Toronto. Dec. 28, 1919-Jan. 3, 1920: Cases, 272, in 34 localities.<br>Oct.-Nov., 1919: Cases, 3. |
| Gloucester County.....                                | .....                | .....    | .....    |  |
| Hamilton.....   | Dec. 14-20.....      | 3.....   | .....    |  |
| Do.....   | Jan. 4-10.....       | 2.....   | .....    |  |
| Kingston.....   | Dec. 21-27.....      | 1.....   | .....    |  |
| Ottawa.....   | Dec. 14-20.....      | 1.....   | .....    |  |
| Do.....   | Dec. 28-Jan. 3.....  | 1.....   | .....    |  |
| Peterborough.....                                     | Dec. 7-29.....       | 4.....   | .....    |  |
| Prescott.....   | Jan. 4-10.....       | 1.....   | .....    |  |
| Sault Ste. Marie.....                                 | Dec. 7-27.....       | 1.....   | .....    |  |
| Do.....   | Dec. 28-Jan. 3.....  | 1.....   | .....    |  |
| Toronto.....  | Dec. 7-27.....       | 727..... | .....    |  |
| Do.....   | Dec. 28-Jan. 3.....  | 182..... | .....    |  |
| Windsor.....  | Dec. 14-27.....      | 2.....   | .....    |  |
| <b>Quebec:</b><br>Montreal.....                       | Dec. 7-27.....       | 3.....   | .....    |  |
| Quebec.....   | do.....              | 4.....   | .....    |  |
| <b>Saskatchewan:</b><br>Moosejaw.....                 | Dec. 28-Jan. 31..... | 1.....   | .....    |  |
| Saskatoon.....  | Dec. 14-20.....      | 1.....   | .....    |  |
| <b>China:</b><br>Amoy.....                            | Nov. 4-10.....       | .....    | .....    | Present.   |
| Canton.....   | Nov. 2-29.....       | .....    | .....    | Do.  |
| Chungking.....  | Nov. 2-22.....       | .....    | .....    | Do.  |
| Foochow.....  | Nov. 16-22.....      | .....    | .....    | Do.  |
| <b>Chosen (Korea):</b><br>Fusan.....                  | Oct. 1-31.....       | 2.....   | 1.....   |  |
| Seoul.....  | do.....              | 9.....   | 1.....   |  |
| <b>Colombia:</b><br>Barranquilla.....                 | Nov. 16-29.....      | 50.....  | 1.....   |  |
| <b>Egypt:</b><br>Alexandria.....                      | Nov. 12-Dec. 2.....  | 17.....  | 9.....   |  |
| Cairo.....  | Oct. 1-14.....       | 18.....  | 9.....   |  |
| Port Said.....  | Oct. 1-7.....        | 1.....   | .....    |  |
| <b>Finland:</b><br>Provinces—<br>Nyland.....          | July 16-31.....      | 1.....   | .....    |  |
| Tavastehus.....                                       | do.....              | 1.....   | .....    |  |
| Viborg.....   | do.....              | 23.....  | .....    |  |
| <b>Finland:</b><br>Provinces—<br>Nyland.....          | Oct. 15-31.....      | 4.....   | .....    | Oct. 15-31, 1919: Cases, 6.  |
| Tavastehus.....                                       | do.....              | 1.....   | .....    | Helsingfors.   |
| Viborg.....   | do.....              | 1.....   | .....    | Rural district.  |
| Abo Oeh Borneborg.....                                | Nov. 1-15.....       | 1.....   | .....    | Do.  |
| Nyland.....   | do.....              | 16.....  | .....    | Nov. 1-15, 1919: Cases, 27.  |
| St. Michael.....                                      | do.....              | 5.....   | .....    | Rural district.  |
| Tavastehus.....                                       | do.....              | 1.....   | .....    | Do.  |
| Vasa.....   | do.....              | 4.....   | .....    | Do.  |

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.****Reports Received from Dec. 27, 1919, to Jan. 23, 1920—Continued.****SMALLPOX—Continued.**

| Place.                 | Date.                | Cases. | Deaths. | Remarks.  |
|------------------------|----------------------|--------|---------|---|
| Germany.....           |                      |        |         | Oct. 5-11, 1919: Cases, 32. In addition to previously reported cases, Sept. 28-Oct. 4, 1919: Cases, 26. |
| Greece:                |                      |        |         |   |
| Saloniki.....          | Nov. 10-22.....      | 9      | 8       |   |
| India:                 |                      |        |         |   |
| Bombay.....            | Oct. 12-Nov. 8.....  | 10     | 3       |   |
| Calcutta.....          | Oct. 26-Nov. 15..... | 25     | 20      |   |
| Madras.....            | Nov. 2-13.....       | 10     | 7       |   |
| Rangoon.....           | Oct. 19-Nov. 8.....  | 21     | 11      |   |
| Italy:                 |                      |        |         |   |
| Genoa.....             | Nov. 16-30.....      | 12     | -----   | Province.   |
| Messina.....           | Nov. 10-30.....      | 10     | 6       |   |
| Japan:                 |                      |        |         |   |
| Taiwan.....            | Nov. 1-20.....       | 10     | 2       | Entire island.  |
| Java:                  |                      |        |         |   |
| East Java.....         |                      |        |         | Sept. 28-Oct. 18, 1919: Cases, 12.  |
| West Java.....         |                      |        |         | Oct. 17-29, 1919: Cases, 117; deaths, 31.   |
| Batavia.....           | Oct. 17-20.....      | 11     | 3       |   |
| Mexico:                |                      |        |         |   |
| Acapulco.....          | Nov. 9-15.....       | 2      | -----   |   |
| Chihuahua.....         | Dec. 21-27.....      | 2      | -----   |   |
| Mexico City.....       | Nov. 16-Dec. 6.....  | 8      | -----   |   |
| San Luis Potosi.....   | Dec. 14-20.....      | -----  | 1       |   |
| Newfoundland:          |                      |        |         |   |
| St. John's.....        | Dec. 20-26.....      | 3      | -----   | Dec. 13-28, at outports, 6 cases. Present at 8 other localities.  |
| Do.....                | Dec. 27-Jan. 2.....  | 1      | -----   | Outports, 4 cases. Present at 5 other localities.   |
| Panama:                |                      |        |         |   |
| Colon.....             | Dec. 15-21.....      | 1      | -----   |   |
| Portugal:              |                      |        |         |   |
| Lisbon.....            | Nov. 20-Dec. 20..... | 41     | -----   |   |
| Spain:                 |                      |        |         |   |
| Barcelona.....         | Nov. 6-Dec. 9.....   | 14     | -----   |   |
| Bilbao.....            | Nov. 1-30.....       | 3      | -----   |   |
| Cadiz.....             | Oct. 1-31.....       | 5      | -----   |   |
| Valencia.....          | Nov. 10-Dec. 20..... | 33     | 8       |   |
| Vigo.....              | Nov. 18-Dec. 13..... | 14     | -----   |   |
| Tunis:                 |                      |        |         |   |
| Tunis.....             | Dec. 23-29.....      | 1      | -----   |   |
| Turkey:                |                      |        |         |   |
| Constantinople.....    | Nov. 9-15.....       | 5      | -----   |   |
| Union of South Africa: |                      |        |         |   |
| Johannesburg.....      | Oct. 1-31.....       | 10     | -----   |   |
| On vessel:             |                      |        |         |   |
| S. S. Sarcoxie.....    | Dec. 23.....         | 1      | -----   | At Ponta Delgada, Azores. From Rotterdam for New York.  |

**TYPHUS FEVER.**

|                  |                      |    |       |   |
|------------------|----------------------|----|-------|---|
| Algeria:         |                      |    |       |   |
| Departments—     |                      |    |       |   |
| Constantine..... | Nov. 11-30.....      | 2  | ----- |   |
| Oran.....        | Nov. 21-Dec. 11..... | 3  | ----- |   |
| Austria:         |                      |    |       |   |
| Vienna.....      | Sept. 7-14.....      | 5  | ----- | Sept. 7-14, 1919: Cases, 7.   |
| Bolivia:         |                      |    |       |   |
| La Paz.....      | June 29-Dec. 13..... | 29 | 29    | Dec. 29, 1918-June 28, 1919: Deaths, 52.  |
| Chile:           |                      |    |       |   |
| Antofagasta..... | Nov. 17-Dec. 14..... | 14 | ----- | Jan. 12-Sept. 30, 1919: Cases, 5,153; deaths, 1,023. Outbreak in October, 1918. |
| Santiago.....    |                      |    |       | Dec. 1-13, 1919: Cases, 700; deaths, 18.  |
| China:           |                      |    |       |   |
| Antung.....      | Nov. 3-9.....        | 1  | ----- |   |
| Egypt:           |                      |    |       |   |
| Alexandria.....  | Nov. 12-18.....      | 4  | 1     |   |
| Cairo.....       | Oct. 1-14.....       | 27 | 8     |   |
| Port Said.....   | do.....              | 1  | ----- |   |

January 30, 1920.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.****Reports Received from Dec. 27, 1919, to Jan. 23, 1920—Continued.****TYPHUS FEVER—Continued.**

| Place.                               | Date.               | Cases.   | Deaths.  | Remarks.   |
|--------------------------------------|---------------------|----------|----------|--|
| Finland.<br>Province—<br>Viborg..... | July 16-31.....     | 2 .....  |          |  |
| Germany.....                         |                     |          |          | Oct. 5-25, 1919: Cases, 10—civil population, 3; military, 7. |
| Great Britain:<br>Glasgow.....       | Nov. 30-Dec. 6..... | 2 .....  |          |  |
| Greece:<br>Cavalla.....              | Nov. 17-23.....     | 1 .....  |          |  |
| Drama.....                           | Nov. 24-30.....     | 1 .....  |          |  |
| Saloniki.....                        | Oct. 6-Nov. 23..... |          | 41 ..... |  |
| Hungary.....                         |                     |          |          | Aug. 25-Sept. 14, 1919: Cases, 6.                            |
| Italy:<br>Venice.....                | Nov. 17-23.....     | 4 .....  | 1 .....  |  |
| Japan:<br>Nagasaki.....              | Dec. 1-7.....       | 2 .....  |          |  |
| Mexico:<br>Chihuahua.....            | Dec. 21-27.....     | 2 .....  |          |  |
| Mexico City.....                     | Nov. 16-22.....     | 46 ..... |          |  |
| San Luis Potosi.....                 | Dec. 14-27.....     |          |          | Present.   |
| Peru:<br>Cerro de Pasco.....         | Dec. 7-13.....      | 1 .....  |          |  |
| Spain:<br>Barcelona.....             | Nov. 20-26.....     | 7 .....  |          |  |
| Corunna.....                         | Nov. 24-Dec. 7..... | 2 .....  |          |  |
| Turkey:<br>Constantinople.....       | Nov. 14-Dec. 6..... | 10 ..... |          |  |

**YELLOW FEVER.**

|                        |                     |         |         |   |
|------------------------|---------------------|---------|---------|---|
| Brazil:<br>Bahia.....  | Oct. 26-Nov. 8..... | 1 ..... | 2 ..... |   |
| Mexico:<br>Merida..... | Dec. 7-20.....      | 3 ..... | 2 ..... | The cases were sent from Opi- chen, vicinity of Muna. One death in case from Muna. Total to Dec. 20: Cases, 46; deaths, 20. |